Dell Multifunction Printer | E515dw
Dell Multifunction Printer | E515dn
Dell Multifunction Printer | E514dw
User's Guide

Regulatory Model: Dell E515dw / E515dn / E514dw

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Before You Use Your Dell Machine

- Applicable Models
- Definitions of Notes
- Important Note

Applicable Models

This User's Guide applies to the following models:
Dell Multifunction Printer | E515dw
Dell Multifunction Printer | E515dn
Dell Multifunction Printer | E514dw

Definitions of Notes

We use the following symbols and conventions throughout this User's Guide:

WARNING	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injuries.
CAUTION	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injuries.
IMPORTANT	IMPORTANT indicates a potentially hazardous situation which, if not avoided, may result in damage to property or loss of product functionality.
NOTE	NOTE specifies the operating environment, conditions for installation, or special conditions of use.
	Tips icons provide helpful hints and supplementary information.
	Electrical Hazard icons alert you to possible electrical shock.
	Fire Hazard icons alert you to the possibility of a fire.
	Hot Surface icons warn you not to touch hot machine parts.
	Prohibition icons indicate actions you must not perform.
Bold	Bold style identifies buttons on the machine's control panel or computer screen.
Italics	Italicized style emphasizes an important point or refers you to a related topic.
`Courier New`	Courier New font identifies messages shown on the machine's LCD.

Important Note

- This product is approved for use in the country of purchase only. Do not use this product outside the country of purchase as it may violate the wireless telecommunication and power regulations of that country.
- Windows Server® 2003 in this document represents Windows Server® 2003, Windows Server® 2003 x64 Edition, Windows Server® 2003 R2 and Windows Server® 2003 R2 x64 Edition.
- Windows Server® 2008 in this document represents Windows Server® 2008 and Windows Server® 2008 R2.
- In this User's Guide, the LCD messages of the Dell E515dw is used unless otherwise specified.
- In this User's Guide, the illustrations of the Dell E515dw is used unless otherwise specified.
- Unless otherwise specified, the screens in this manual are from Windows® 7 and OS X v10.8.x. Screens on your computer may vary depending on your operating system.
- If the LCD messages, control panel key names, and other indications are different depending on the country, the indications for each country will be shown.
- The contents of this guide and the specifications of this product are subject to change without notice.
- Locate this product in a well-ventilated area. Do not obstruct ventilation openings of the product. Keep the minimum clearance as follows for ventilation and an access to the power plug. Unplug the product if an abnormal condition is noted.
- Ventilate well during extended operation or mass copying. It may affect the office air environment due to odor such as ozone in a poorly ventilated room. Provide proper ventilation to ensure the comfortable and safe environment.
- Connect this product to the LAN connection which is not subjected to over voltages.
- IT Power system (For Norway Only)
  This product is also designed for IT power system with phase to phase voltage 230V.

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1

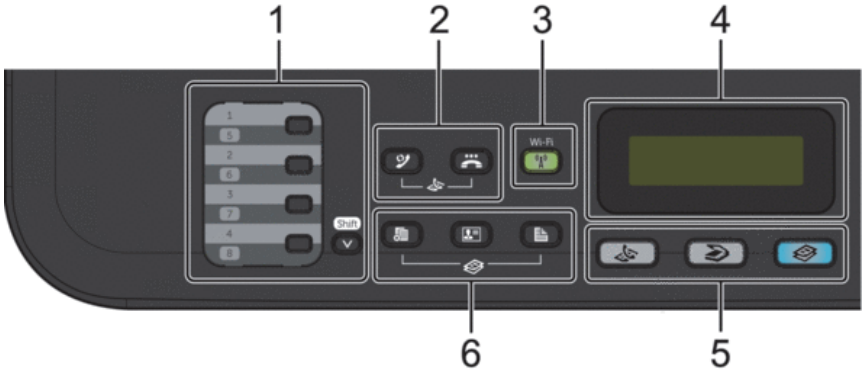
Introduction to Your Dell Machine

- Control Panel Overview
- Dell Printer Hub (Windows® Only)

Control Panel Overview

The control panel will vary depending on your model.
Dell E515dn/Dell E515dw
Dell E514dw

Dell E515dn/Dell E515dw



1. **One Touch buttons**
   Store and recall up to eight fax and telephone numbers.
   To access stored One Touch fax and telephone numbers 1-4, press the One Touch button assigned to that number. To access stored One Touch fax and telephone numbers 5-8, hold down **(Shift)** as you press the number.
2. **Fax buttons**

   (Redial/Pause)
   Press to dial the last numbers you called. This button also inserts a pause when programming quick dial numbers or when dialing a number manually.

   (Hook)

   Press **Hook** before dialing to ensure a fax machine answers, and then press **(Start).**
   If the machine is in Fax/Tel (F/T) Mode and you pick up the handset of an external telephone during the F/T ring (pseudo double-rings), press **Hook** to talk.
3. **Wi-Fi (for Dell E515dw)**
   Press the **Wi-Fi** button and launch the wireless installer on your computer. Follow the on-screen instructions to set up a wireless connection between your machine and your network.
   When the **Wi-Fi** light is on, your Dell machine is connected to a wireless access point. When the **Wi-Fi** light blinks, the wireless connection is down, or your machine is in the process of connecting to a wireless access point.
   While **Wi-Fi** is on, if you push the **Wi-Fi** button, the wireless connection is down.

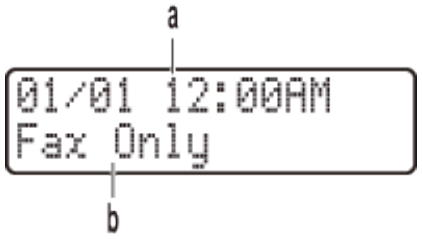
Resolution (for Dell E515dn)

Press to change the Fax resolution.

4. **Liquid Crystal Display (LCD)**

   Displays messages to help you set up and use the machine.

   If the machine is in Fax Mode, the LCD displays:



   a. Date & Time

   b. Receive Mode

   When you press **Copy**, the LCD displays:

   c. Type of copy

   d. Number of copies

   e. Quality

   f. Contrast

   g. Copy ratio

5. **Mode buttons**

   (Fax)

   Press to switch the machine to FAX Mode.

   (Scan)

   Press to switch the machine to SCAN Mode.

   (Copy)

   Press to switch the machine to COPY Mode.

6. **Copy buttons**

   (Options)

   Press to access temporary settings for copying.

   (ID Copy)

   Press to copy both sides of an identification card onto a single page.

(2-sided)

Press to copy on both sides of a sheet of paper.

7. Menu buttons

(Clear)

Press to delete entered data or cancel the current setting.

(Menu)

Press to access the Menu for programming your machine settings.

OK

Press to store your machine settings.

◀ or ▶

Press to scroll back or forward through menu selections.

▲ or ▼

- Press to scroll up or down through menus and options.
- Press to change the resolution in Fax Mode.

▲

Press ▲ to access speed dial numbers.

8. Dial Pad

- Use to dial fax and telephone numbers.
- Use as a keyboard to enter text or characters.

9. Power On/Off

- Turn on the machine by pressing .
- Turn off the machine by pressing and holding . The LCD displays `Shutting Down` and stays on for a few seconds before turning off. If you have an external telephone or TAD connected, it is always available.

10. (Cancel)

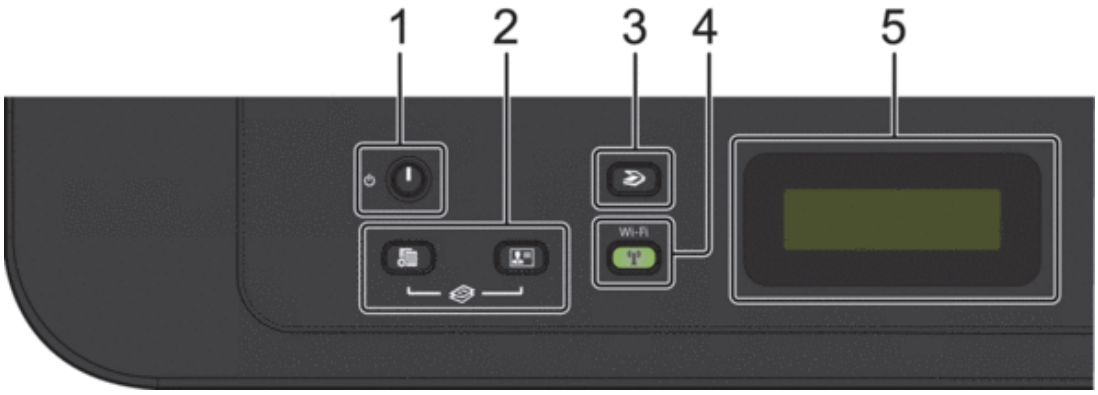
- Press to stop an operation.
- Press to exit from a menu.

11. (Start)

- Press to start sending faxes.

- Press to start copying.
- Press to start scanning documents.

Dell E514dw



1. **Power On/Off**
   - Turn on the machine by pressing .
   - Turn off the machine by pressing and holding . The LCD displays `Shutting Down` and stays on for a few seconds before turning off.
2. **Copy buttons**

   (Options)

   Press to access temporary settings for copying.

   (ID Copy)

   Press to copy both sides of an identification card onto a single page.

NOTE: Two functions are assigned to one button on some models.

3. **(Scan)**

   Press to switch the machine to Scan Mode.
4. **Wi-Fi**

   Press the **Wi-Fi** button and launch the wireless installer on your computer. Follow the on-screen instructions to set up a wireless connection between your machine and your network.

   When the **Wi-Fi** light is on, your Dell machine is connected to a wireless access point. When the **Wi-Fi** light blinks, the wireless connection is down, or your machine is in the process of connecting to a wireless access point.
5. **Liquid Crystal Display (LCD)**

   Displays messages to help you set up and use the machine.

   If the machine is in Ready Mode or COPY Mode, the LCD displays:

a. Type of copy
b. Number of copies
c. Quality
d. Contrast
e. Copy ratio

6. Menu buttons

(Menu)

Press to access the Menu for programming your machine settings.

(Clear)

- Press to delete entered data.
- Press to cancel the current setting.

OK

Press to store your machine setting.

▲ or ▼

Press to scroll up or down through menus and options.

7. (Cancel)

- Press to stop an operation.
- Press to exit from a menu.

8. (Start)

- Press to start copying.
- Press to start scanning documents.

Dell Printer Hub (Windows® Only)

This software allows you to share, print, scan, and store digital documents with cloud services. It also notifies you of the firmware/software updates, printer status and toner level. For more information, open the program and click on the top right of the main window to see the FAQs.

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2

Paper Handling

- Load Paper
- Paper Settings
- Unscannable and Unprintable Areas
  The figures in the table show maximum unscannable and unprintable areas from the edges of the most commonly-used paper sizes. These measurements may vary depending on the paper size or settings in the application you are using.
- Using Special Paper
  Always test paper samples before purchasing them to ensure desirable performance.
- Load Documents
  You can send a fax, make copies and scan from the Automatic Document Feeder (ADF) and from the scanner glass.

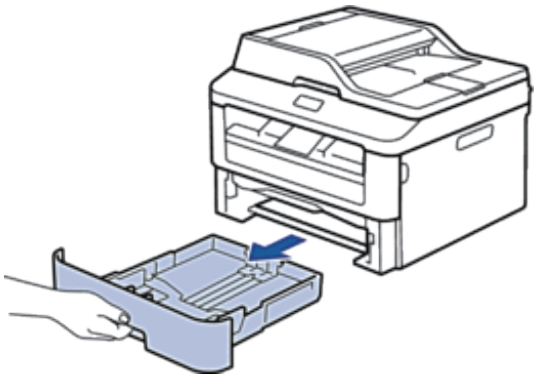
Load Paper

- Load and Print using the Paper Tray
- Load and Print Paper in the Manual Feed Slot

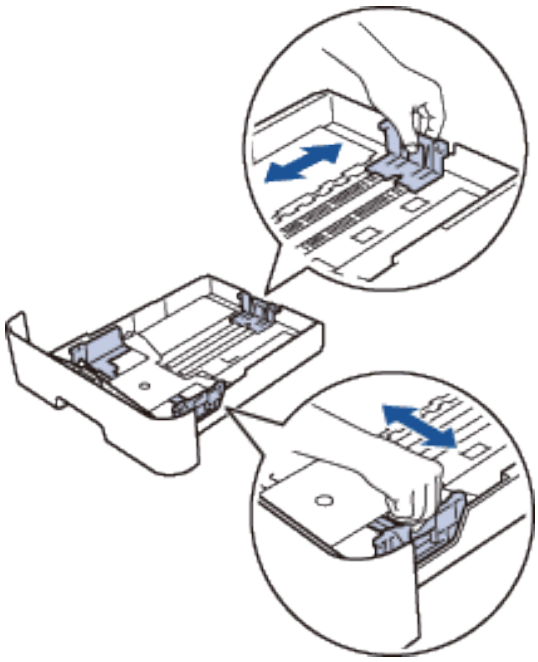
Load and Print using the Paper Tray

- If the Check Size setting is set to On and you pull the paper tray out of the machine, a message appears on the LCD asking if you want to change the paper size. Change the paper size and paper type settings if needed, following the on-screen instructions.
- When you load a different paper size in the tray, you must change the paper size setting in the machine or on your computer at the same time.

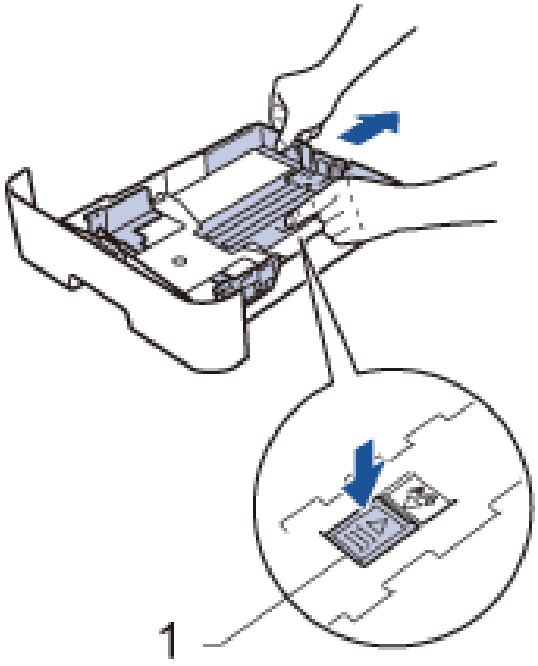
1. **Pull the paper tray completely out of the machine.**



2. **Press and slide the paper guides to fit the paper.**
   Press the release levers to slide the paper guides.



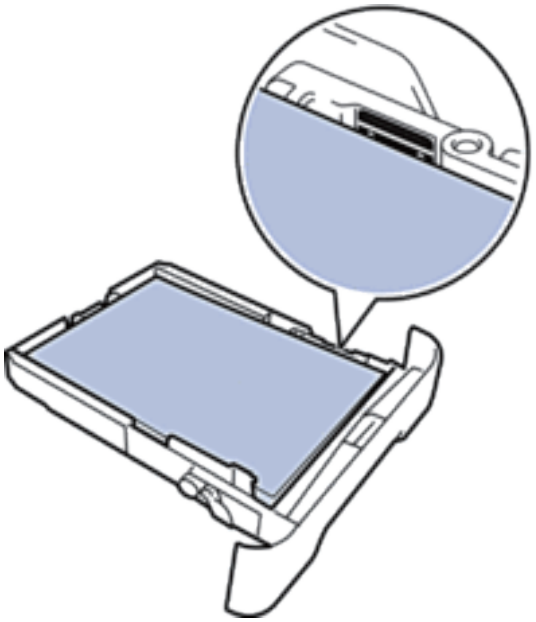
NOTE: For Legal or Folio size paper, press the release button (1) in the bottom of the paper tray and then pull out the back of the paper tray. (Legal and Folio size paper are not available in some regions.)



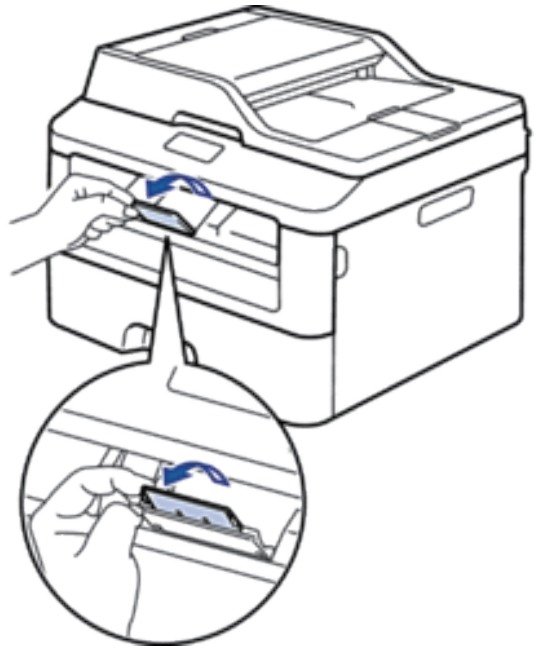
3. Fan the stack of paper well.
4. Load paper with the printing surface *face down* in the paper tray.

   NOTE: DO NOT load different types of paper in the paper tray at the same time. Doing this may cause the paper to jam or misfeed.

5. Make sure the paper is below the "MAX" mark.
   Overfilling the paper tray will cause paper jams.



6. Slowly push the paper tray completely into the machine.
7. Lift the flap to prevent paper from sliding off the output tray.



8. Send your print job to the machine.

   NOTE: Change your print preferences in the Print dialog box before sending the print job from your computer.

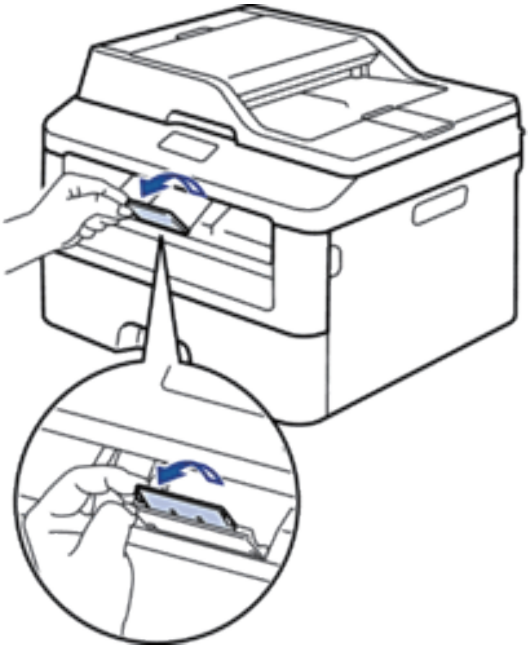
Load and Print Paper in the Manual Feed Slot

- Load and Print Plain Paper, Thin Paper, Recycled Paper and Bond Paper in the Manual Feed Slot
- Load and Print on Thick Paper and Labels in the Manual Feed Slot
- Load and Print on Envelopes in the Manual Feed Slot
- Printing Problems
- Error and Maintenance Messages

Load and Print Plain Paper, Thin Paper, Recycled Paper and Bond Paper in the Manual Feed Slot

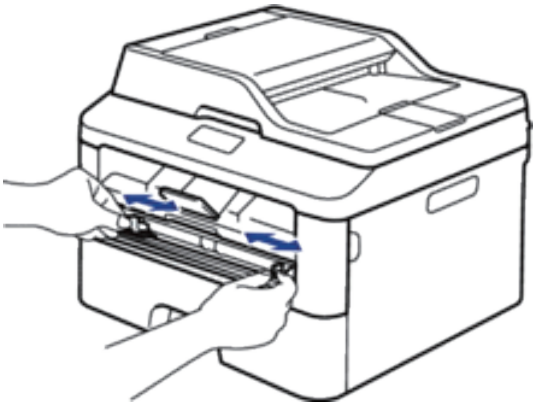
When you load a different paper size in the tray, you must change the paper size setting in the machine or on your computer at the same time.

1. **Lift the support flap to prevent paper from sliding off the face-down output tray.**



2. **Open the manual feed slot cover.**

3. Use both hands to slide the manual feed slot paper guides to fit the width of the paper you are using.

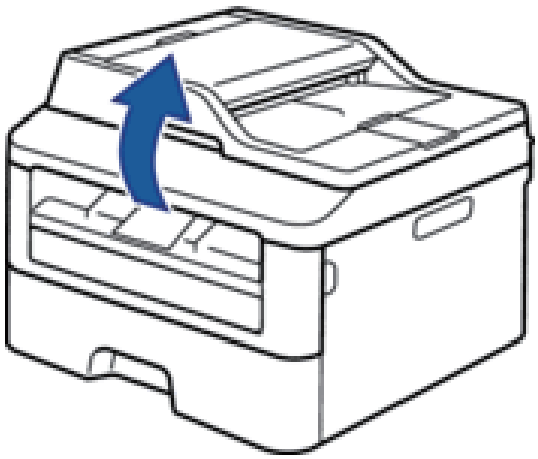


4. Using both hands, put one full sheet of paper in the manual feed slot until the front edge touches the paper feed roller. When you feel the machine pull it in, let go.

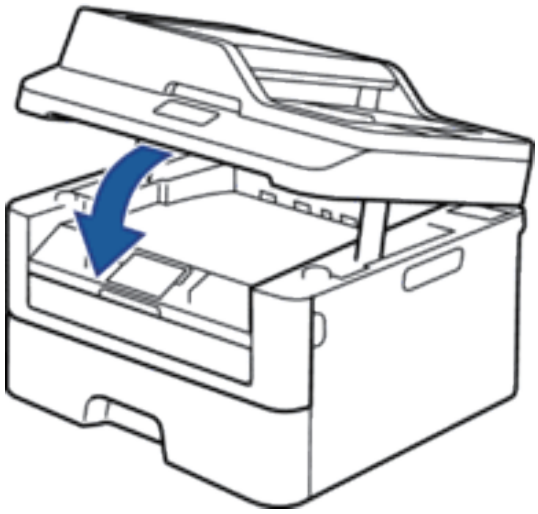
NOTE: Load paper into the manual feed slot with the printing surface facing up.

NOTE: Make sure the paper is straight and in the correct position in the manual feed slot. If it is not, the paper may not be fed correctly, resulting in a skewed printout or a paper jam.

NOTE: To remove a small printout from the output tray, use both hands to lift up the scanner cover.



NOTE: You can still use the machine while the scanner cover is up. To close the scanner cover, push it down with both hands.



5. Send your print job to the machine.

   NOTE: Change your print preferences in the Print screen before sending the print job from your computer.

6. After the printed page comes out from the machine, load the next sheet of paper in the manual feed slot. Repeat for each page that you want to print.

Load and Print on Thick Paper and Labels in the Manual Feed Slot

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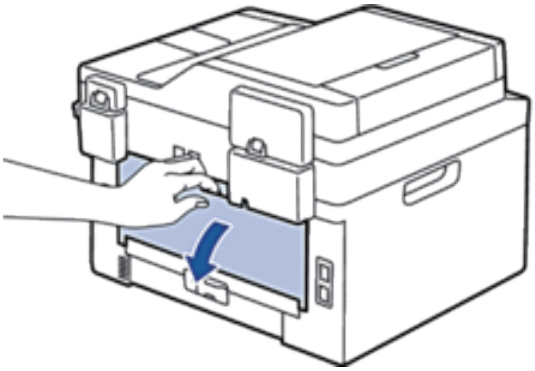
When you load a different paper size in the tray, you must change the paper size setting in the machine or on your computer at the same time.

---

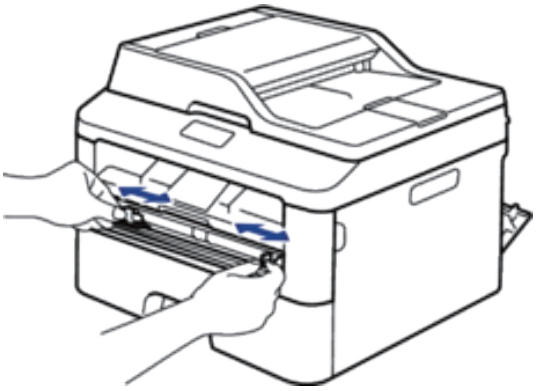
1. Open the machine's back cover (the face-up output tray).



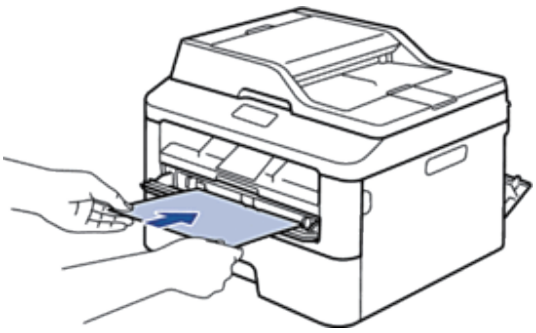
NOTE: The machine automatically turns on Manual Feed mode when you load paper in the manual feed slot.

2. On the front of the machine, open the manual feed slot cover.

3. Use both hands to slide the manual feed slot paper guides to fit the width of the paper that you are using.



4. Using both hands, put one full sheet of paper in the manual feed slot until the front edge touches the paper feed roller. When you feel the machine pull it in, let go.



NOTE: Load paper into the manual feed slot with the printing surface facing up.

NOTE: Pull the paper out completely if you must reload the paper into the manual feed slot.

NOTE: Do not put more than one sheet of paper in the manual feed slot at one time, as it may cause a jam.

NOTE: Make sure the paper is straight and in the correct position in the manual feed slot. If it is not, the paper may not be fed correctly, resulting in a skewed printout or a paper jam.

5. Send your print job to the machine.

   NOTE: Change your print preferences in the Print screen before sending the print job from your computer.

6. After the printed page comes out from the back of the machine, load the next sheet of paper in the manual feed slot. Repeat for each page that you want to print.
7. Close the back cover (the face-up output tray) until it locks in the closed position.

Load and Print on Envelopes in the Manual Feed Slot

When you load a different paper size in the tray, you must change the paper size setting in the machine or on your computer at the same time.

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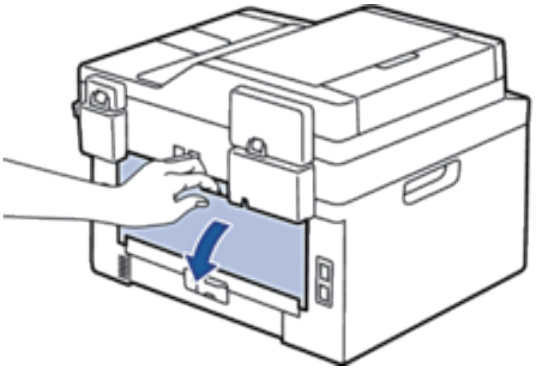
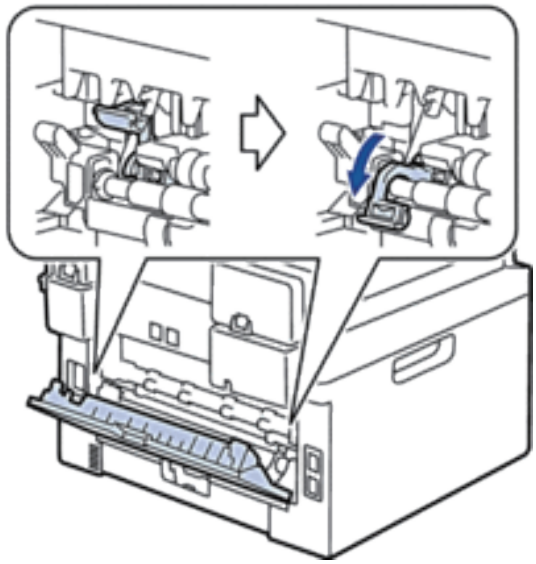
1. Open the machine's back cover (the face-up output tray).



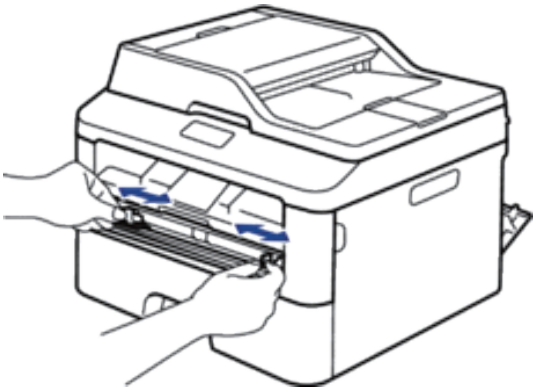
NOTE: The machine automatically turns on Manual Feed mode when you load paper in the manual feed slot.

2. Pull down the two levers, one on the left side and one on the right side, as shown in the illustration.

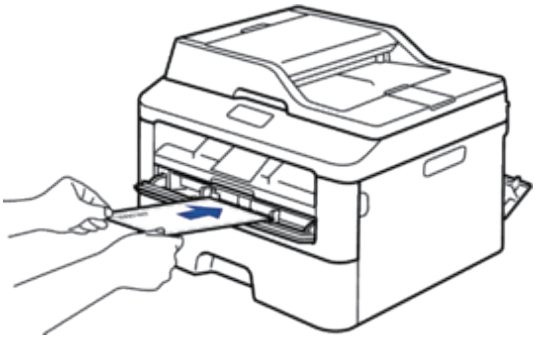


3. On the front of the machine, open the manual feed slot cover.

4. Use both hands to slide the manual feed slot paper guides to fit the width of the paper that you are using.



5. Using both hands, put one envelope in the manual feed slot until the front edge touches the paper feed roller. When you feel the machine pull it in, let go.



NOTE: Load the envelope into the manual feed slot with the printing surface facing up.

NOTE: Pull the envelope out completely when you reload the envelope into the manual feed slot.

NOTE: Do not put more than one envelope in the manual feed slot at one time, as it may cause a jam.

NOTE: Make sure the envelope is straight and in the correct position on the manual feed slot. If it is not, the envelope may not be fed correctly, resulting in a skewed printout or a paper jam.

6. Send your print job to the machine.

   NOTE: Change your print preferences in the Print dialog box before sending the print job from your computer.

Settings	Options for Envelopes
Paper Size	Com-10 DL C5 Monarch
Media Type	Envelopes Env. Thick Env. Thin

7. After the printed envelope comes out of the machine, put in the next envelope. Repeat for each envelope that you want to print.
8. When you have finished printing, return the two levers that you adjusted in former step back to their original positions.
9. Close the back cover (the face-up output tray) until it locks in the closed position.

Paper Settings

- Change the Paper Size
  When you change the size of the paper you load in the tray, you must change the paper size setting on the LCD at the same time.
- Change the Paper Type
  To get the best print quality, set the machine for the type of paper you are using.
- Set the Check Size

Your Dell machine's Check Size setting causes the machine to display a message when you remove the paper tray from the machine, asking if you changed the paper size.

Change the Paper Size

When you change the size of the paper you load in the tray, you must change the paper size setting on the LCD at the same time.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Paper` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Paper Size` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Letter`, `Legal`, `Executive`, `A5`, `A5 L`, `A6`, `Folio`, or `A4` option, and then press **OK**.
6. Press **Cancel**.

Change the Paper Type

To get the best print quality, set the machine for the type of paper you are using.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Paper` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Paper Type` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Thin`, `Plain`, `Thick`, `Thicker`, or `Recycled Paper` option, and then press **OK**.
6. Press **Cancel**.

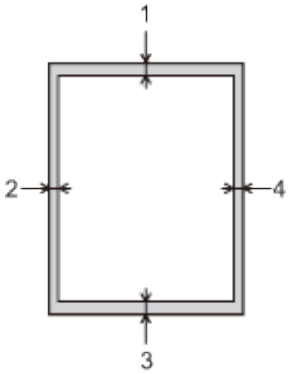
Set the Check Size

Your Dell machine's Check Size setting causes the machine to display a message when you remove the paper tray from the machine, asking if you changed the paper size.
The default setting is On.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Paper` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Check Size` option, and then press **OK**.
5. Press ▲ or ▼ to select the `On` or `Off` option, and then press **OK**.
6. Press **Cancel**.

Unscannable and Unprintable Areas

The figures in the table show maximum unscannable and unprintable areas from the edges of the most commonly-used paper sizes. These measurements may vary depending on the paper size or settings in the application you are using.



NOTE: Do not attempt to scan, copy, or print into these areas; your output will not reflect anything in these areas.

Usage	Document Size	Top (1) Bottom (3)	Left (2) Right (4)
Fax (Sending)	Letter, Legal (ADF)	0.12 in. (3 mm)	0.16 in. (4 mm)
	A4	0.12 in. (3 mm)	(ADF) 0.04 in. (1 mm) (Scanner Glass) 0.12 in. (3 mm)
Copy*1	Letter, Legal (ADF)	0.16 in. (4 mm)	0.12 in. (3 mm)
	A4	0.16 in. (4 mm)	0.12 in. (3 mm)
Scan	Letter	0.12 in. (3 mm)	0.12 in. (3 mm)
	A4	0.12 in. (3 mm)	0.12 in. (3 mm)
	Legal (ADF)	Approximately 0.12 in. (3 mm)	Approximately 0.12 in. (3 mm)
Print	Letter, Legal	0.16 in. (4.2 mm)	0.16 in. (4.2 mm)
	A4	0.16 in. (4.2 mm)	0.16 in. (4.2 mm)

*1: a single copy or a 1 in 1 copy

Using Special Paper

Always test paper samples before purchasing them to ensure desirable performance.

⚠ WARNING

Do not use conductive paper such as origami paper, carbonic paper or conductively-coated paper. When paper jam occurs, it may cause short-circuit and eventually a fire accident.

- DO NOT use inkjet paper; it may cause a paper jam or damage your machine.
- If you use bond paper, paper with a rough surface, or paper that is wrinkled or creased, the paper may exhibit degraded performance.

IMPORTANT

Some types of paper may not perform well or may cause damage to your machine.
DO NOT use paper:

- that is highly textured
- that is extremely smooth or shiny
- that is curled or warped
- that is coated or has a chemical finish
- that is damaged, creased or folded
- that exceeds the recommended weight specification in this guide
- with tabs and staples
- with letterheads using low temperature dyes or thermography
- that is multipart or carbonless
- that is designed for inkjet printing

If you use any of the types of paper listed above, they may damage your machine. This damage is not covered under any Dell warranty or service agreement.

Load Documents

You can send a fax, make copies and scan from the Automatic Document Feeder (ADF) and from the scanner glass.

- Load Documents in the Automatic Document Feeder (ADF)
  Use the ADF when copying or scanning multiple-page, standard-sized documents.
- Load Documents on the Scanner Glass
  Use the scanner glass to fax, copy, or scan one page at a time.

Load Documents in the Automatic Document Feeder (ADF)

Use the ADF when copying or scanning multiple-page, standard-sized documents.

- The ADF can hold up to 35 pages and feed each sheet individually.
- Use standard 20 lb (80 g/m^2) paper.
- Make sure documents with correction fluid or written in ink are completely dry.

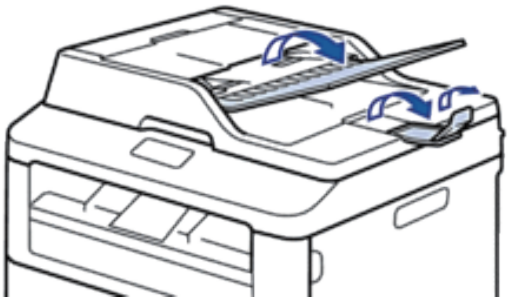
IMPORTANT

- DO NOT leave thick documents on the scanner glass. If you do this, the ADF may jam.
- DO NOT use paper that is curled, wrinkled, folded, ripped, stapled, paper-clipped, pasted, or taped.
- DO NOT use cardboard, newspaper, or fabric.
- To avoid damaging your machine while using the ADF, DO NOT pull on the document while it is feeding.

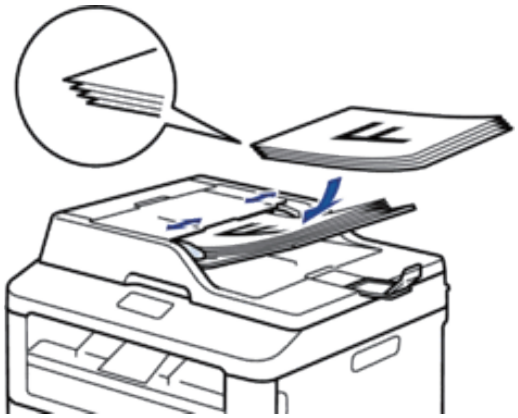
Document Sizes Supported

Length:	5.8 in. to 14.0 in. (147.3 to 355.6 mm)
Width:	5.8 in. to 8.5 in. (147.3 to 215.9 mm)
Weight:	17 to 24 lb (64 to 90 g/m^2)

1. Unfold the ADF document support.
   Lift and unfold the ADF document output support flap.



2. Fan the pages well.
3. Stagger the pages of your document and load it *face up* and *top edge first*, into the ADF as shown in the illustration.



4. Adjust the paper guides to fit the width of your document.

Load Documents on the Scanner Glass

Use the scanner glass to fax, copy, or scan one page at a time.

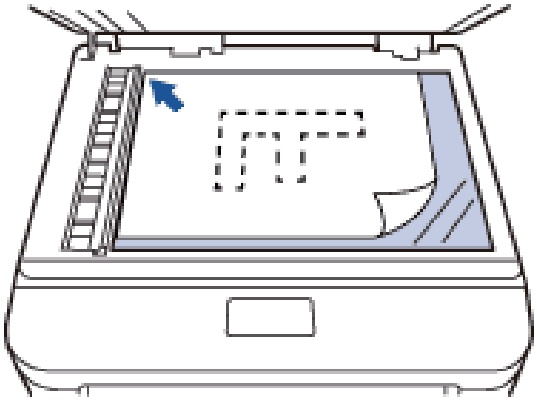
Document Sizes Supported

Length:	Up to 11.8 in. (300.0 mm)
Width:	Up to 8.5 in. (215.9 mm)
Weight:	Up to 4.4 lb (2.0 kg)

NOTE: To use the scanner glass, the ADF must be empty.

1. Lift the document cover.
2. Place the document on the scanner glass *face down*.

3. Place the corner of the page in the upper left corner of the scanner glass.



4. Close the document cover.
   If the document is a book or is thick, gently press on the document cover.

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Before Printing 51
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Print from Your Computer (Macintosh) 76
Adjust Print Settings from the Machine's Control Panel 88

3

Print

- Before Printing
- Print from Your Computer (Windows®)
- Print from Your Computer (Macintosh)
- Adjust Print Settings from the Machine's Control Panel

Before Printing

Before attempting any printing operation, confirm the following:

- The instructions for printer driver are described based on PCL driver. Since the XPS printer driver is installed as the default printer driver for Windows® 8, the function may vary from the instructions on this user guide.
- For USB or network cable users: Make sure the interface cable is physically secure.

Simultaneous printing, scanning and faxing

Your machine can print from your computer while sending or receiving a fax in memory or while scanning a document into the computer. Fax sending will not be stopped during printing from your computer. However, when the machine is copying or receiving a fax on paper, it pauses the printing operation, and then continues printing when copying or fax receiving has finished.

NOTE: Dell E514dw does not support the fax feature.

Firewall (Windows®)

If your computer is protected by a firewall and you are unable to network print, network scan, or PC-FAX, you may need to configure the firewall settings. If you are using any other personal firewall software, see the User's Guide for your software or contact the software manufacturer.

Print from Your Computer (Windows®)

Basic Printing Methods (Windows®)

- Print a Document (Windows®)
- Print Preview (Windows®)
- Change the Paper Size (Windows®)
  The Paper Size options offer a large selection of standard paper sizes.
- Change the Orientation of Your Print (Portrait or Landscape) (Windows®)
- Print Multiple Copies of the Same Document (Windows®)
- Change the Media Type (Windows®)
  To achieve the best print results, the media being printed on should be selected in the driver. The machine changes the way it prints depending on the selected media type.
- Change the Resolution (Windows®)
  You can choose the print resolution. As print resolution and speed are related, the higher the resolution, the longer it will take to print the document.
- Change the Print Settings (Windows®)

The Print Settings selection lets you choose the print resolution. As print quality and speed are related, the higher the quality, the longer it takes to print the document.

- Improve Gray Printing (Windows®)
  You can improve the image quality of a shaded area.
- Improve Pattern Printing (Windows®)
  You can improve the pattern printing if printed fills and patterns are different from the fills and patterns you see on your computer screen.
- Improve Thin Line (Windows®)
  Use this option to improve the image quality of thin lines.
- Print More Than One Page on a Single Sheet of Paper (N in 1) (Windows®)
- Print as a Poster (Windows®)
  Enlarge your print size and print the document in poster mode.
- Print on Both Sides of the Paper (Windows®)
- Print as a Booklet (Windows®)
  Use this option to print a document in booklet format using 2-sided printing. The document's pages will be arranged according to the correct page number and will allow you to fold the print output at the center and read the booklet pages numerically, without having to change the order of the printed pages.
- Change the Paper Source (Windows®)
  Select a paper source setting that matches your print conditions or purpose.

Print a Document (Windows®)

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Make sure you have loaded the correct size paper in the paper tray.
4. Click the **Paper Size** drop-down list, and then select your paper size.
5. In the **Orientation** field, select either **Portrait** or **Landscape** option to set the orientation of your printout.

   NOTE: If your application software contains a similar layout feature, we recommend using the one in the application.
6. Type the number of copies (1-999) you want in the **Copies** field.
7. Click the **Media Type** drop-down list, and then select the type of paper you are using.
8. To print multiple pages on a single sheet of paper or print one page of your document on multiple sheets, click the **Multiple Page** drop-down list, and then select your options.
9. Change other printer settings if needed.
10. Click **OK**.
11. Complete your print operation.

Print Preview (Windows®)

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Select the **Print Preview** check box.
4. Change other printer settings if needed.
5. Click **OK**.
6. Click the proceed or next button in your application dialog box.
   The **PrintPreview** viewer opens before printing starts.
7. Select the page(s) you want to print from the list in the **Print Page** field.
   The print results will be displayed in the preview area. By default, all pages are selected. To print only some pages, clear the check boxes for the pages you do not want to print.

   NOTE: If the **2-sided / Booklet** setting is selected in the printer driver, you cannot select the **Print Page** check box.
8. Click **File**, and then click **Print** to start printing.

Change the Paper Size (Windows®)

The Paper Size options offer a large selection of standard paper sizes.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Paper Size** drop-down list, and then select your paper size.
4. Click **OK**.
5. Complete your print operation.

Create a Custom Paper Size (Windows®)

1. Do one of the following:
   - (For Windows Server® 2003)
     Click **Start > Printers and Faxes**.
   - (For Windows Vista® and Windows Server® 2008)
     Click **(Start) > Control Panel > Hardware and Sound > Printers**.
   - (For Windows® 7 and Windows Server® 2008 R2)
     Click **(Start) >Devices and Printers**.
   - (For Windows® 8)
     Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings**, and then click **Control Panel**. In the **Hardware and Sound** group, click **View devices and printers**.

- (For Windows Server® 2012)
  Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings**, and then click **Control Panel**. In the **Hardware** group, click **View devices and printers**.
- (For Windows Server® 2012 R2)
  Click **Control Panel** on the **Start** screen. In the **Hardware** group, click **View devices and printers**.

2. Right-click the **Dell MFP EXXXX** icon (where XXXX is your model name), and then select **Printer properties**. If printer driver options appear, select your printer driver.
3. Click the **General** tab, and then click the **Printing Preferences...** or **Preferences...** button.
   The printer driver dialog box appears.

   NOTE: To configure the tray settings, click the **Device Settings** tab.

   NOTE: To change the printer port, click the **Ports** tab.
4. Click the **Paper Size** drop-down list, and then select **User Defined**.
5. Type a name for this custom size in the **Custom Paper Size Name** field.
6. Specify the **Width** and **Height** values.
7. Click **Save**.
8. Click **OK**.
9. Click **OK**.
10. Close the printer properties dialog box.

Change the Orientation of Your Print (Portrait or Landscape) (Windows®)

Portrait	Landscape

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. In the **Orientation** field, select either **Portrait** or **Landscape** option to set the orientation of your printout.

   NOTE: If your application software contains a similar layout feature, we recommend using the one in the application.

4. Click **OK**.
5. Complete your print operation.

Print Multiple Copies of the Same Document (Windows®)

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Type the number of copies (1-999) you want in the **Copies** field.
4. Select the **Collate** check box, if needed.
   Collate
   When the **Collate** check box is selected, one complete copy of your document will be printed, and then reprinted according to the number of copies you choose. If the **Collate** check box is not selected, then each page will be printed according to the number of copies chosen before the next page of the document is printed.
5. Change other printer settings if needed.
6. Click **OK**.
7. Complete your print operation.

Change the Media Type (Windows®)

To achieve the best print results, the media being printed on should be selected in the driver. The machine changes the way it prints depending on the selected media type.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Media Type** drop-down list, and then select the media type you want to use.

Select this Media Type	For this paper
Plain Paper	Ordinary plain paper
Thin Paper	Ordinary thin paper
Thick Paper	Rough paper or thicker paper
Thicker Paper	Select this option if you have selected **Thick Paper**, and toner smudges while printing.
Bond Paper	Bond paper
Envelopes	Envelopes
Env. Thick	Select this option if the toner does not correctly stick to the envelope when the **Envelopes** option is selected.
Env. Thin	Select this option if the envelope is crumpled when the **Envelopes** option is selected.
Recycled Paper	Recycled paper
Label	Label

4. Click **OK**.
5. Complete your print operation.

Change the Resolution (Windows®)

You can choose the print resolution. As print resolution and speed are related, the higher the resolution, the longer it will take to print the document.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Resolution** drop down list and click the print resolution you want to use.
   - **300 dpi**
   - **600 dpi**
   - **HQ 1200**
4. Click **OK**.
5. Complete your print operation.

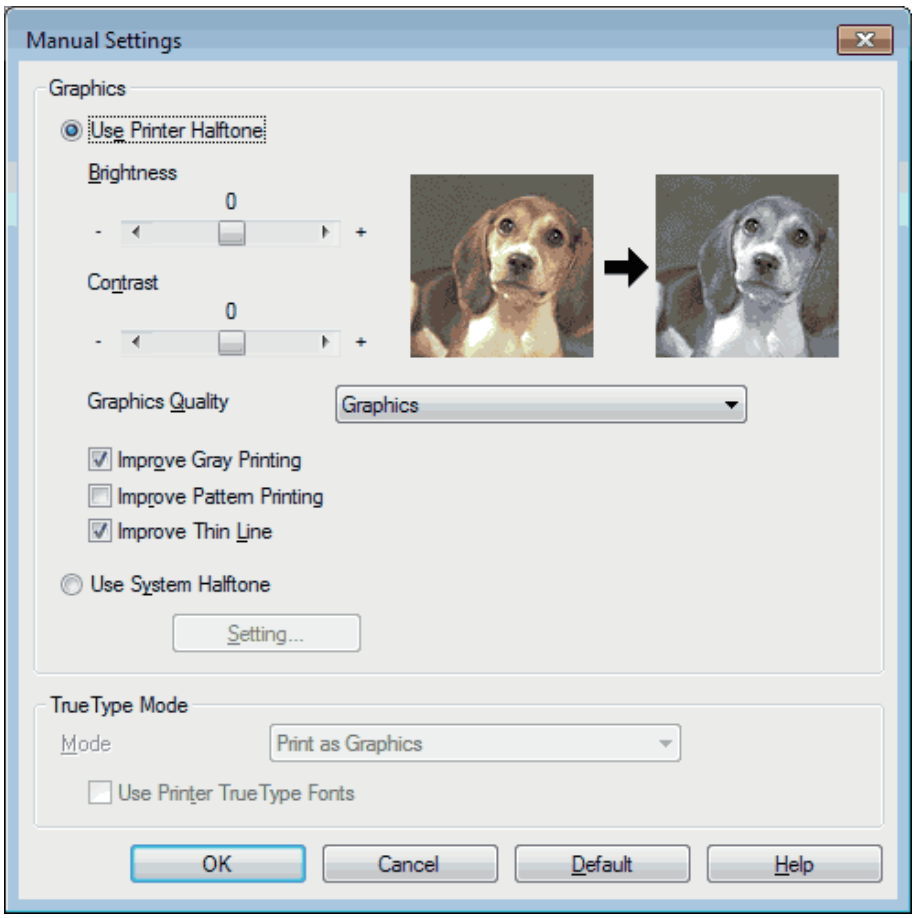
Change the Print Settings (Windows®)

The Print Settings selection lets you choose the print resolution. As print quality and speed are related, the higher the quality, the longer it takes to print the document.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Print Settings** drop down list and click the print settings you want to use.

Option	Description
Graphics	This is the best mode for printing documents that contain graphics.
Text	This is the best mode for printing text documents.
Manual	You can change the advanced settings manually.

4. To change more advanced settings such as brightness, contrast, and other settings, select **Manual** and click **Manual Settings....**



5. Click **OK**.
6. Complete your print operation.

Improve Gray Printing (Windows®)

You can improve the image quality of a shaded area.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Print Settings** drop-down list, select **Manual**, and then click the **Manual Settings...** button.
4. Select the **Improve Gray Printing** check box.
5. Click **OK** to return to the printer driver window.
6. Click **OK**.
7. Complete your print operation.

Improve Pattern Printing (Windows®)

You can improve the pattern printing if printed fills and patterns are different from the fills and patterns you see on your computer screen.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Print Settings** drop-down list, select **Manual**, and then click the **Manual Settings...** button.
4. Select the **Improve Pattern Printing** check box.
5. Click **OK** to return to the printer driver window.
6. Click **OK**.
7. Complete your print operation.

Improve Thin Line (Windows®)

Use this option to improve the image quality of thin lines.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Print Settings** drop-down list, select **Manual**, and then click the **Manual Settings...** button.
4. Confirm that the **Improve Thin Line** check box is selected.
5. Click **OK** to return to the printer driver window.
6. Click **OK**.
7. Complete your print operation.

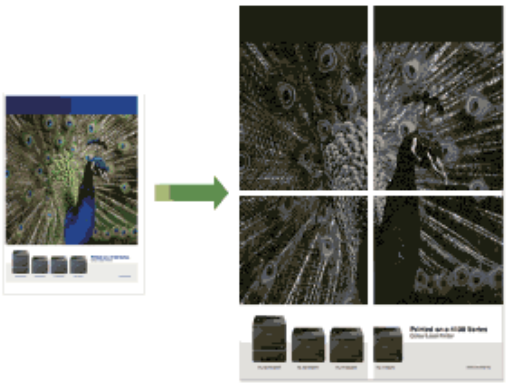
Print More Than One Page on a Single Sheet of Paper (N in 1) (Windows®)

1. Select the print command in your application.

2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. In the **Orientation** field, select either **Portrait** or **Landscape** option to set the orientation of your printout.
   NOTE: If your application software contains a similar layout feature, we recommend using the one in the application.
4. Click the **Multiple Page** drop-down list, and then select the **2 in 1**, **4 in 1**, **9 in 1**, **16 in 1**, or **25 in 1** option.
5. Click the **Page Order** drop-down list, and then select your page order.
6. Click the **Border Line** drop-down list, and then select your border line type.
7. Change other printer settings if needed.
8. Click **OK**.
9. Complete your print operation.

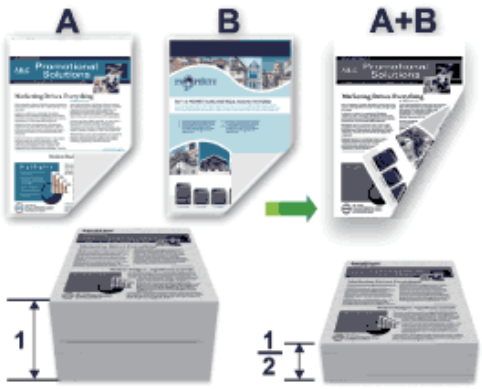
Print as a Poster (Windows®)

Enlarge your print size and print the document in poster mode.



1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Multiple Page** drop-down list, and then select the **1 in 2x2 Pages**, **1 in 3x3 Pages**, **1 in 4x4 Pages**, or **1 in 5x5 Pages** option.
4. Select the **Print cut-out line** check box, if needed.
   Print cut-out line
   Prints a faint cut-out line around the printable area so that you can easily cut it out.
5. Change other printer settings if needed.
6. Click **OK**.
7. Complete your print operation.

Print on Both Sides of the Paper (Windows®)



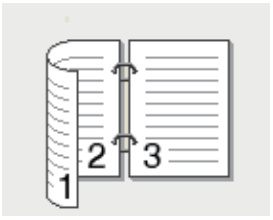
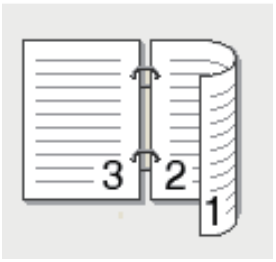
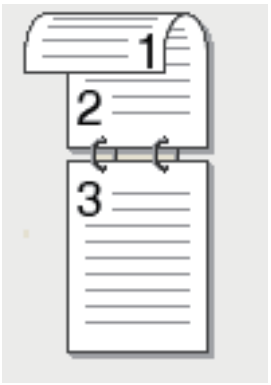
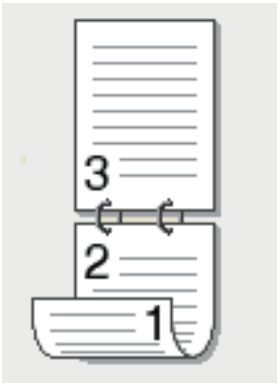
- Select Letter, Legal, or Folio sized paper when using the automatic 2-sided printing function.
- Make sure the back cover is closed.
- If paper is curled, straighten it and put it back in the paper tray.
- Use regular paper or thin paper. DO NOT use bond paper.
- If the paper is too thin, it may wrinkle.
- When you use the manual 2-sided printing function, it is possible there may be paper jams or poor print quality.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. In the **Orientation** field, select either **Portrait** or **Landscape** option to set the orientation of your printout.

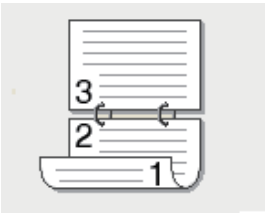
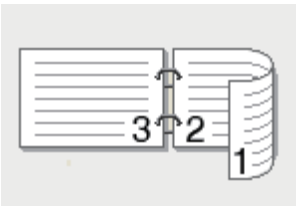
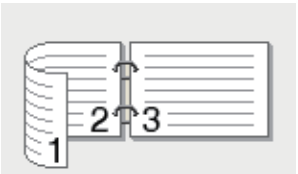
   NOTE: If your application software contains a similar layout feature, we recommend using the one in the application.
4. Click the **2-sided / Booklet** drop-down list, and then select the **2-sided** or **2-sided (Manual)** option.

Option	Description
2-sided (available only for certain models)	Automatically prints on both sides of the paper.
2-sided (Manual)	The machine prints all the even-numbered pages on one side of the paper first. Then, the printer driver instructs you (with a pop-up message) to reinsert the paper.

5. Click the **2-sided Settings** button.
6. Select one of the options from the **2-sided Type** menu.
   When 2-sided is selected, four types of 2-sided binding are available for each orientation:

Option for Portrait	Description
Long Edge (Left)	
Long Edge (Right)	
Short Edge (Top)	
Short Edge (Bottom)	

Option for Landscape	Description

Long Edge (Top)	
Long Edge (Bottom)	
Short Edge (Right)	
Short Edge (Left)	

7. Select the **Binding Offset** check box if you want to specify the offset for binding in inches or millimeters.
8. Click **OK**.
9. Change other printer settings if needed.
10. Do one of the following:
    - For automatic 2-sided printing, click **OK** again, and then complete your print operation.
    - For manual 2-sided printing, click **OK** again and follow the screen instructions.

If the paper is not feeding correctly, it may be curled. Remove the paper, straighten it, and put it back in the paper tray.

Print as a Booklet (Windows®)

Use this option to print a document in booklet format using 2-sided printing. The document's pages will be arranged according to the correct page number and will allow you to fold the print output at the center and read the booklet pages numerically, without having to change the order of the printed pages.

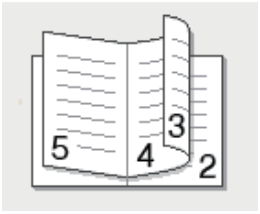
- Select Letter, Legal, or Folio sized paper when using the automatic 2-sided printing function.
- Make sure the back cover is closed.
- If paper is curled, straighten it and put it back in the paper tray.
- Use regular paper or thin paper. DO NOT use bond paper.
- If the paper is too thin, it may wrinkle.
- When you use the manual 2-sided printing function, it is possible there may be paper jams or poor print quality.

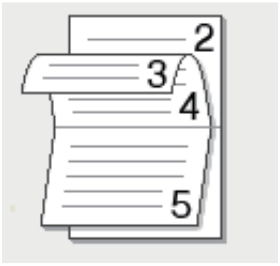
1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. In the **Orientation** field, select either **Portrait** or **Landscape** option to set the orientation of your printout.

   NOTE: If your application software contains a similar layout feature, we recommend using the one in the application.
4. Click the **2-sided / Booklet** drop-down list, and then select the **Booklet** or **Booklet (Manual)** option.

Option	Description
Booklet (available only for certain models)	Automatically prints as a booklet.
Booklet (Manual)	Manually prints as a booklet.

5. Click the **2-sided Settings** button.
6. Select the one of the options from the **2-sided Type** menu.
   There are two types of 2-sided binding directions available for each orientation:

Option for Portrait	Description
Left Binding	
Right Binding	

Option for Landscape	Description
Top Binding	
Bottom Binding	

7. Select one of the options from the **Booklet Printing Method** menu.

Option	Description
All Pages at Once	Every page will be printed in booklet format (four pages to every piece of paper, two pages per side). Fold your printout in the middle to create the booklet.

Divide into Sets	This option prints the whole booklet in smaller individual booklet sets, allowing you to fold at the center of the smaller individual booklet sets without having to change the order of the printed pages. You can specify the number of sheets in each smaller booklet set (from 1-15). This option can be helpful when folding a printed booklet that has a large number of pages.

8. Select the **Binding Offset** check box if you want to specify the offset for binding in inches or millimeters.
9. Click **OK**.
10. Change other printer settings if needed.
11. Do one of the following:
    - For automatic booklet printing, click **OK** again, and then complete your print operation.
    - For manual booklet printing, click **OK** again and follow the screen instructions.

Change the Paper Source (Windows®)

Select a paper source setting that matches your print conditions or purpose.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **First Page** and **Other Pages** drop-down lists to select your paper tray from each list.

Option	Description
Auto Select	The machine will automatically select the tray to use if the paper type and paper size configured on the machine match the printer driver settings. The paper size and paper type for each tray must be configured correctly on the machine.
Tray1	The machine will exclusively use tray #1 when printing.
Manual	The machine will exclusively use the Manual Feed Slot when printing.

NOTE: You can specify different trays for printing the first page of your document and for printing from the second page onwards.

4. Click **OK**.
5. Complete your print operation.

Advanced Printing Methods (Windows®)

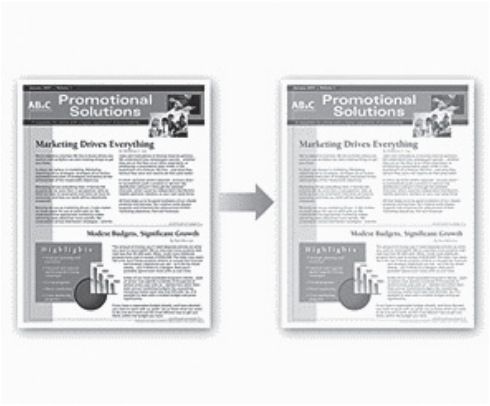
- Print in Toner Save Mode (Windows®)

This feature conserves your toner by using less toner to print documents; print appears lighter, but is still readable.

- Scaled Print (Windows®)
  This option lets you enlarge or reduce the pages in your document to fit your printed paper size.
- Reverse Print (Windows®)
  This setting rotates the printed image 180 degrees.
- Add a Watermark to the Printed Document (Windows®)
  Print a logo or text onto your document as a watermark. Select one of the preset watermarks, add a new watermark, or use an image file you have created.
- Print the Date, Time and PC Login User Name on the Document (Header-Footer Print) (Windows®)
- Use a Macro from Your Computer (Windows®)
  If you have stored the electronic forms (macros) in your machine's memory, you can use the macro to print the data as an overlay on the print job you want.
- Adjust the Print Density (Windows®)
  You can increase or decrease the print density.
- Reduce Paper Curl (Windows®)
- Improve Toner Fixing (Windows®)
- Skip Blank Page (Windows®)
  Use this option to allow the printer driver to automatically detect blank pages and exclude them from printing.
- Print Text in Black (Windows®)
  Use this option when you want to print color text in black.
- Save an Archive File of the Print Data (Windows®)
  Print data can be saved as a PDF file to your computer.

Print in Toner Save Mode (Windows®)

This feature conserves your toner by using less toner to print documents; print appears lighter, but is still readable.



NOTE: We do not recommend using this mode for printing photo or grayscale images.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.

The printer driver window appears.

3. Click the **Advanced** tab.
4. Select the **Toner Save Mode** check box.
5. Change other printer settings if needed.
6. Click **OK**.
7. Complete your print operation.

Scaled Print (Windows®)

This option lets you enlarge or reduce the pages in your document to fit your printed paper size.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced** tab.
4. Do one of the following:
   - Select the **Fit to Paper Size** option to enlarge or reduce the document to fit your printed paper size, and then select the paper size from the drop-down list.
   - Select the **Free** option to enlarge or reduce the document's page size manually, and then type a value into the field.
5. Change other printer settings if needed.
6. Click **OK**.
7. Complete your print operation.

Reverse Print (Windows®)

This setting rotates the printed image 180 degrees.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced** tab.

4. Select the **Reverse Print** check box.
5. Change other printer settings if needed.
6. Click **OK**.
7. Complete your print operation.

Add a Watermark to the Printed Document (Windows®)

Print a logo or text onto your document as a watermark. Select one of the preset watermarks, add a new watermark, or use an image file you have created.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced** tab.
4. Select the **Use Watermark** check box, and then click the **Settings** button.
5. Select the watermark you want to use from the **Select Watermark** list, or create a new watermark.
   - To create a new watermark, click **Add**.
     a. Select either the **Use Text** or **Use Image File** option in the **Watermark Style** field.
     b. Type a title for the watermark in the **Title** field.
     c. If you select the **Use Text** option:
        - Select your **Text**, **Font**, **Style**, **Size** and **Darkness** options.
     d. If you select the **Use Image File** option:
        - Type the file name and location of your image in the **File** field or click the **Browse** button to search for the file.
        - Once an image selected, you can scale the size of the image.
     e. To move the position of the watermark on the page, adjust it in the **Position** field.
   - To modify an existing watermark, select the watermark, and then click the **Settings** button.

   Bring To Front

   This option will overlay the watermark on your printed document.

   In Outline Text

   Select the **In Outline Text** check box to print only an outline of the watermark. This feature is available only when using a text watermark.

   Custom Settings

   Select where your watermark will print. Include it on all pages, on the first page only, or on all pages except the first page.
6. Click **OK**.
7. Change other printer settings if needed.
8. Click **OK**.
9. Complete your print operation.

Print the Date, Time and PC Login User Name on the Document (Header-Footer Print) (Windows®)

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced** tab.
4. Select the **Header-Footer Print** check box, and then click the **Settings** button.
5. Select the options you want from the following settings: **Format**, **Position**, **Font** and **Background**.
   ID Print
   Select your computer login user name or custom text as a header or footer using one of the following methods:
   - Select the **Login User Name** option to print your computer login user name.
   - Select the **Custom** option to print the text you enter in the **Custom** field.
6. Click **OK** to return to the printer driver window.
7. Change other printer settings if needed.
8. Click **OK**.
9. Complete your print operation.

Use a Macro from Your Computer (Windows®)

If you have stored the electronic forms (macros) in your machine's memory, you can use the macro to print the data as an overlay on the print job you want.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced** tab.
4. Click the **Other Print Options** button.
5. Select **Macro**.
6. Click the **Macro Settings** button.

7. Enter **Macro ID** and **Macro Name** you want to use.
8. Select **Insert Macro Command**.
9. Select the page to overlay the macro data.

Option	Description
All Pages	Lets you insert the macro onto all pages.
Page	Lets you insert the macro onto a specific page. Select this option, and then enter a page number within the range 1 to 255.
Add to Top of Page	Send the macro data to the top of the page.
Add to End of Page	Send the macro data to the bottom of the page.

NOTE: When **Booklet** has been selected, the **Page** setting in **Insert Macro Command** is disabled.

10. Click **OK**.
11. Click **OK** to return to the printer driver window.
12. Click **OK**.
13. Complete your print operation.
    The macro data is printed as an overlay.

Adjust the Print Density (Windows®)

You can increase or decrease the print density.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced** tab.
4. Click the **Other Print Options** button.
5. Select **Density Adjustment**.
6. Clear the **Printer Default** check box.
7. To increase or decrease the print density, move the slide bar to the right or left.
8. Click **OK** to return to the printer driver window.
9. Click **OK**.
10. Complete your print operation.

Reduce Paper Curl (Windows®)

If you are printing only a few pages, you do not need to select this setting. If paper curls excessively, we recommend changing the **Media Type** setting in the printer driver to the **Thin Paper** or **Env. Thin** setting.

NOTE: This setting decreases the temperature of the machine's fusing process, which reduces paper curl.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced** tab.
4. Click the **Other Print Options** button.
5. Select the **Improve Print Output** option from the **Printer Function** list.
6. Select the **Reduce Paper Curl** radio button.
7. Click **OK** to return to the printer driver window.
8. Click **OK**.
9. Complete your print operation.

Improve Toner Fixing (Windows®)

NOTE: This setting increases the temperature of the machine's fusing process, which improves toner's ability to stick to paper.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced** tab.
4. Click the **Other Print Options** button.
5. Select the **Improve Print Output** option from the **Printer Function** list.
6. Select the **Improve Toner Fixing** radio button.
7. Click **OK** to return to the printer driver window.
8. Click **OK**.
9. Complete your print operation.

If this selection does not provide enough improvement, change the **Media Type** setting in the printer driver to the **Thick Paper** or **Env. Thick** setting.

Skip Blank Page (Windows®)

Use this option to allow the printer driver to automatically detect blank pages and exclude them from printing.

This option does not work if the following settings are active:

- **Use Watermark**
- **Header-Footer Print**
- **N in 1** or **1 in NxN Pages** in the **Multiple Page** drop-down list
- **2-sided (Manual)**, **Booklet**, **Booklet (Manual)** and **Binding Offset**.

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1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced tab**.
4. Click the **Other Print** Options button.
5. Select the **Skip Blank Page** option from the **Printer Function** list.
6. Select the **Skip Blank Page** check box.
7. Click **OK** to return to the printer driver window.
8. Click **OK**.
9. Complete your print operation.

Print Text in Black (Windows®)

Use this option when you want to print color text in black.

NOTE: The **Print Text in Black** option may not work with certain data.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced** tab.
4. Click the **Other Print Options** button.
5. Select the **Print Text in Black** option from the **Printer Function** list.
6. Select the **Print Text in Black** check box.
7. Click **OK** to return to the printer driver window.
8. Click **OK**.
9. Complete your print operation.

Save an Archive File of the Print Data (Windows®)

Print data can be saved as a PDF file to your computer.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Advanced** tab.
4. Click the **Other Print Options** button.
5. Select the **Print Archive** option from the **Printer Function** list.
6. Select the **Print Archive** check box.
7. Change the file size by moving the **File Size** slider to the right or left.
   The resolution is set according to the file size.
8. Click **OK** to return to the printer driver window.
9. Click **OK**.
10. Complete your print operation.
    The machine prints the data and saves the archive file to your computer.

Select a Print Profile (Windows®)

Print Profiles are presets designed to give you quick access to frequently-used printing configurations.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Print Profiles** tab.

4. Select your profile from the print profile list.
   The profile settings are shown on the left side of the printer driver window.
5. Do one of the following:
   - If the settings are correct for your print job, click **OK**.
   - To change the settings, go back to the **Basic** or **Advanced** tab, change settings, and then click **OK**.

   NOTE: To display the **Print Profiles** tab at the front of the window the next time you print, select the **Always show Print Profiles tab first**. check box.

Add a Print Profile

Add up to 20 new print profiles with customized settings.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Basic** tab and the **Advanced** tab, and configure the print settings you want for the new Print Profile.
4. Click the **Print Profiles** tab.
5. Click **Add Profile**.
   The **Add Profile** dialog box appears.
6. Type the new print profile name in the **Name** field.
7. Click the icon you want to use to represent this profile from the icon list.
8. Click **OK**.

The new Print Profile name is added to the list in the **Print Profiles** tab.

Delete a Print Profile

1. Select the print command in your application.
2. Select **Dell MFP EXXXX** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.
3. Click the **Print Profiles** tab.
4. Click **Delete Profile**.
   The **Delete Profile** dialog box appears.
5. Select the profile you want to delete.
6. Click **Delete**.
7. Click **Yes**.
8. Click **Close**.

Change the Default Print Settings (Windows®)

When you change print settings from within a program, the changes apply only to the items you are printing in that program, at that time. To select print settings to use for all of your Windows® programs, all the time, use these steps to change the default print settings.

1. Do one of the following:
   - (For Windows Server® 2003)
     Click **Start > Printers and Faxes**.
   - (For Windows Vista® and Windows Server® 2008)
     Click **(Start) > Control Panel > Hardware and Sound > Printers**.
   - (For Windows® 7 and Windows Server® 2008 R2)
     Click **(Start) > Devices and Printers**.
   - (For Windows® 8)
     Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings**, and then click **Control Panel**. In the **Hardware and Sound** group, click **View devices and printers**.
   - (For Windows Server® 2012)
     Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings,** and then click **Control Panel**. In the **Hardware** group, click **View devices and printers**.
   - (For Windows Server® 2012 R2)
     Click **Control Panel** on the **Start** screen. In the **Hardware** group, click **View devices and printers**.
2. Right-click the **Dell MFP EXXXX** icon (where XXXX is your model name), and then select **Printer properties**. If printer driver options appear, select your printer driver.
3. Click the **General** tab, and then click the **Printing Preferences...** or **Preferences...** button.
   The printer driver dialog box appears.

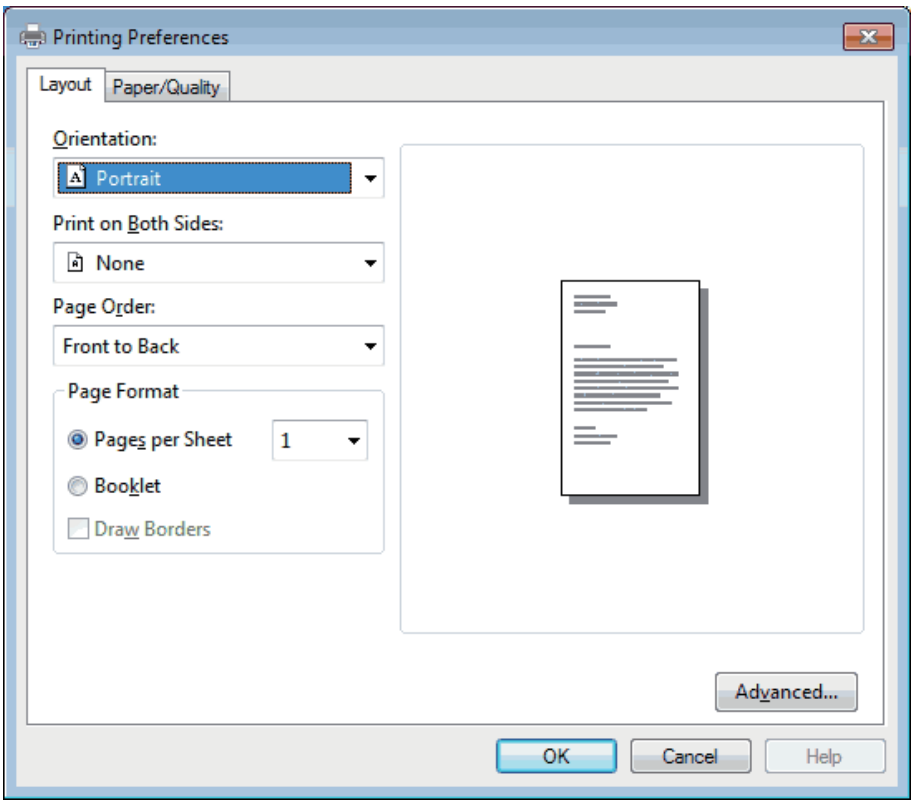
   NOTE: To configure the tray settings, click the **Device Settings** tab.

   NOTE: To change the printer port, click the **Ports** tab.
4. Select the print settings you want to use as defaults for all of your Windows® programs.
5. Click **OK**.
6. Close the printer properties dialog box.

Print a Document Using the Dell Emulate PS Printer Driver (PostScript® 3™ Language Emulation) (Windows®)

The Dell emulate PS printer driver lets you print PostScript® data more clearly.

1. Select the print command in your application.
2. Select **Dell MFP EXXXX PS emulate** (where XXXX is the name of your model), and then click the printing properties or preferences button.
   The printer driver window appears.



3. Click the **Layout** or **Paper/Quality** tab to change basic print settings.
   Click the **Advanced...** button to change advanced print settings.
4. Click **OK**.
5. Complete your print operation.

Print from Your Computer (Macintosh)

- Print a Document (Macintosh)
- Set Print Options (Macintosh)
- Print a Document Using the Dell Emulate PS Printer Driver (PostScript® 3™ language emulation) (Macintosh)
  The Dell emulate PS printer driver lets you print PostScript® data more clearly.
- Monitor the Status of the Machine from Your Computer (Macintosh)
  The Status Monitor utility is a configurable software tool for monitoring the status of a device, allowing you to get immediate notification of error messages, such as paper empty or paper jam, at pre-set update intervals. You can also access Web Based Management.

Print a Document (Macintosh)

1. Make sure you have loaded the correct size paper in the paper tray.
2. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
3. Select **Dell MFP EXXXX** (where XXXX is your model name).

NOTE: For more page setup options, click the **Show Details** button.

4. Type the number of copies you want in the **Copies** field.
5. Click the **Paper Size** pop-up menu, and then select your paper size.
6. Select the **Orientation** option that matches the way you want the document to print.
7. Click the application pop-up menu, and then select **Print Settings**.
   The **Print Settings** options appear.
8. Click the **Media Type** pop-up menu, and then select the type of paper you are using.
9. Change other printer settings, if needed.
10. Click **Print**.

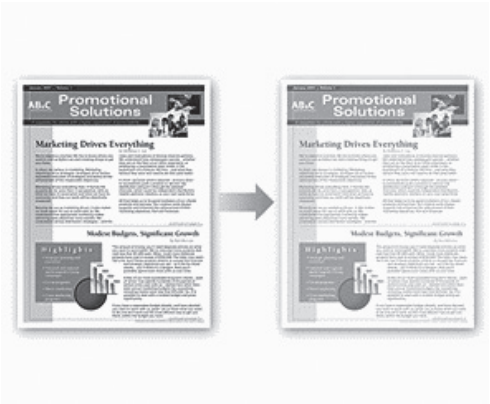
Set Print Options (Macintosh)

- Print in Toner Save Mode (Macintosh)
  This feature conserves your toner by using less toner to print documents; print appears lighter, but is still readable.
- Print Multiple Copies of the Same Document (Macintosh)
- Print on Both Sides of the Paper (Macintosh)
- Change the Paper Size (Macintosh)
  Paper Size choices include a large selection of standard paper sizes.
- Change the Orientation of Your Print (Portrait or Landscape) (Macintosh)
- Print More Than One Page on a Single Sheet of Paper (N in 1) (Macintosh)
- Reverse Print (Macintosh)
  This setting rotates the printed image 180 degrees.
- Flip Horizontally (Macintosh)
  The **Flip horizontally** option reverses the printout horizontally from left to right.
- Scaled Print (Macintosh)
  This option lets you enlarge or reduce the pages in your document to fit your printed paper size.
- Change the Media Type (Macintosh)
  To achieve the best print results, the media being printed on should be selected in the driver. The machine changes the way it prints depending on the selected media type.
- Change the Resolution (Macintosh)
  You can choose the print resolution. As print resolution and speed are related, the higher the resolution, the longer it will take to print the document.
- Reduce or Enlarge Document Layout (Macintosh)
  You can reduce or enlarge the layout of a document by scaling it to a percentage of the document's original size.
- Change the Paper Source (Macintosh)
  Select a paper source setting that matches your print conditions or purpose.
- Change the Graphic Quality (Macintosh)
  You can change the print quality.
- Reduce Paper Curl (Macintosh)
- Improve Toner Fixing (Macintosh)

- Adjust the Print Density (Macintosh)
  You can increase or decrease the print density.
- Skip Blank Page (Macintosh)
  Use this option to allow the printer driver to automatically detect blank pages and exclude them from printing.

Print in Toner Save Mode (Macintosh)

This feature conserves your toner by using less toner to print documents; print appears lighter, but is still readable.



NOTE: We do not recommend using this mode for printing photo or grayscale images.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).
   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Print Settings**.
   The **Print Settings** options appear.
4. Click the **Advanced** print settings list.
5. Click **Toner Save Mode**.
6. Check the **Toner Save Mode** check box.
7. Change other printer settings if needed.
8. Click **Print**.

Print Multiple Copies of the Same Document (Macintosh)

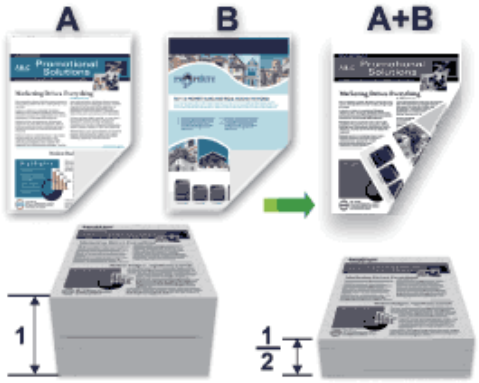
1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).
   NOTE: For more page setup options, click the **Show Details** button.
3. Type the number of copies you want in the **Copies** field.
4. Click the application pop-up menu, and then select **Paper Handling**.
   The **Paper Handling** options appear.
5. Select the **Collate pages** check box, if needed.

Collate pages

When the **Collate pages** check box is selected, one complete copy of your document will be printed, and then reprinted according to the number of copies you select. If the **Collate pages** check box is not selected, then each page will be printed according to the number of copies selected before the next page of the document is printed.

6. Change other printer settings, if needed.
7. Click **Print**.

Print on Both Sides of the Paper (Macintosh)



- Select Letter, Legal, or Folio sized paper when using the automatic 2-sided printing function.
- Make sure the back cover is closed.
- If paper is curled, straighten it and put it back in the paper tray.
- Use regular paper or thin paper. DO NOT use bond paper.
- If the paper is too thin, it may wrinkle.
- When you use the manual 2-sided printing function, it is possible there may be paper jams or poor print quality.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Select the **Orientation** option that matches the way you want the document to print.
4. For automatic 2-sided printing, do the following:
   a. Click the application pop-up menu, and then select **Layout**.
      The **Layout** setting options appear.
   b. In the **Two-Sided** section, select the **Short-Edge binding** or **Long-Edge binding** option.
   c. Change other printer settings, if needed.
   d. Click **Print**.
5. For manual 2-sided printing, do the following:
   a. Click the application pop-up menu, and then select **Paper Handling**.

The **Paper Handling** options appear.

b. In the **Pages to Print** pop-up menu, select **Even Only**.

c. Change other print settings, if needed.

d. Click the **Print** button.

e. After the machine prints the even-numbered pages, remove the printed pages from the output paper tray.

f. Make sure the pages are completely flat, and put the paper back in the tray, blank side facing down.

g. Repeat steps 1-3, selecting the same printer and settings you used to print the even-numbered pages.

h. Click the application pop-up menu, and then select **Paper Handling**. The **Paper Handling** options appear.

i. In the **Pages to Print** pop-up menu, select **Odd Only**.

j. Click **Print**.

Change the Paper Size (Macintosh)

Paper Size choices include a large selection of standard paper sizes.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the **Paper Size** pop-up menu, and then select your paper size.
4. Change other printer settings, if needed.
5. Click **Print**.

Create Custom Size (Macintosh)

1. Click the **Paper Size** pop-up menu, and then select **Manage Custom Sizes...**.
2. Click .
3. Type the name for this custom size.
4. Type size and margin values in the **Paper Size** and **Non-Printable Area** fields.
5. Click **OK**.

Change the Orientation of Your Print (Portrait or Landscape) (Macintosh)

Portrait	Landscape

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Select the **Orientation** option that matches the way you want the document to print.
4. Change other printer settings, if needed.
5. Click **Print**.

Print More Than One Page on a Single Sheet of Paper (N in 1) (Macintosh)

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Layout**.
   The **Layout** setting options appear.
4. Click the **Pages per Sheet** pop-up menu, and then select the number of pages to print on each sheet.
5. Click the **Layout Direction** menu, and then select how you want the pages ordered.
6. Click the **Border** pop-up menu, and then select your border line type.

7. Change other printer settings if needed.
8. Click **Print**.

Reverse Print (Macintosh)

This setting rotates the printed image 180 degrees.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Layout**.
   The **Layout** setting options appear.
4. Select the **Reverse page orientation** check box.
5. Change other printer settings, if needed.
6. Click **Print**.

Flip Horizontally (Macintosh)

The **Flip horizontally** option reverses the printout horizontally from left to right.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Layout**.

The **Layout** setting options appear.

4. Select the **Flip horizontally** check box.
5. Change other printer settings, if needed.
6. Click **Print**.

Scaled Print (Macintosh)

This option lets you enlarge or reduce the pages in your document to fit your printed paper size.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Paper Handling**.
   The **Paper Handling** options appear.
4. Select the **Scale to fit paper size** check box, and then choose your paper size from the **Destination Paper Size** pop-up menu.

   NOTE: If you want to scale the document because it is too big for your paper, select **Scale down only**. If this option is selected and the document is formatted for paper that is smaller than the paper you have, the document prints at its original size.
5. Change other printer settings if needed.
6. Click **Print**.

Change the Media Type (Macintosh)

To achieve the best print results, the media being printed on should be selected in the driver. The machine changes the way it prints depending on the selected media type.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Print Settings**.
   The **Print Settings** options appear.
4. Click the **Media Type** pop-up menu, and then select the media type you want to use.

Select this Media Type	For this paper
Plain Paper	Ordinary plain paper
Thin Paper	Ordinary thin paper
Thick Paper	Rough paper or thicker paper
Thicker Paper	Select this option if you have selected **Thick Paper**, and toner smudges while printing.
Bond Paper	Bond paper
Envelopes	Envelopes

Env. Thick	Select this option if the toner does not correctly stick to the envelope when the **Envelopes** option is selected.
Env. Thin	Select this option if the envelope is crumpled when the **Envelopes** option is selected.
Recycled Paper	Recycled paper
Label	Label

5. Change other printer settings, if needed.
6. Click **Print**.

Change the Resolution (Macintosh)

You can choose the print resolution. As print resolution and speed are related, the higher the resolution, the longer it will take to print the document.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Print Settings**.
   The **Print Settings** options appear.
4. Click the **Resolution** pop-up menu, and then select the print resolution you want to use.
   - **300 dpi**
   - **600 dpi**
   - **HQ 1200**
5. Change other printer settings, if needed.
6. Click **Print**.

Reduce or Enlarge Document Layout (Macintosh)

You can reduce or enlarge the layout of a document by scaling it to a percentage of the document's original size.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Page Setup**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).
3. Type the percentage by which you want to reduce or enlarge the printout in the **Scale** field.
4. Change other printer settings, if needed.
5. Click **OK**.
6. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
7. Click **Print**.

Change the Paper Source (Macintosh)

Select a paper source setting that matches your print conditions or purpose.

If you load one sheet of paper in the manual feed slot, the paper is automatically pulled from this slot. Do not load any paper in the manual feed slot when printing from paper tray.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Print Settings**.
   The **Print Settings** options appear.
4. Click the **Paper Source** pop-up menu, and then select your paper tray.

Option	Description
Auto Select	The machine will automatically select the tray to use if the paper type and paper size configured on the machine match the printer driver settings. The paper size and paper type for each tray must be configured correctly on the machine.
Tray1	The machine will exclusively use tray #1 when printing.
Manual	The machine will exclusively use the Manual Feed Slot when printing.

5. Change other printer settings, if needed.
6. Click **Print**.

Change the Graphic Quality (Macintosh)

You can change the print quality.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Print Settings**.
   The **Print Settings** options appear.
4. Click the **Advanced** print settings list.
5. Click **Graphics Quality**, and then select the print quality you want to use.

Option	Description
Graphics	The Graphics mode prioritizes contrast. Choose this setting for printing text and figures, such as business and presentation documents. You can represent sharp contrasts in shaded areas.
Text	This is the best mode for printing text documents.

6. Click **Print**.

Reduce Paper Curl (Macintosh)

If you are printing only a few pages, you do not need to select this setting. If paper curls excessively, we recommend changing the **Media Type** setting in the printer driver to the **Thin Paper** or **Env. Thin** setting.

NOTE: This setting decreases the temperature of the machine's fusing process, which reduces paper curl.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Print Settings**.
   The **Print Settings** options appear.
4. Click the **Advanced** print settings list.
5. Select the **Improve Print Output** option.
6. Select the **Reduce Paper Curl** option.
7. Click **Print**.

Improve Toner Fixing (Macintosh)

NOTE: This setting increases the temperature of the machine's fusing process, which improves toner's ability to stick to paper.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

NOTE: For more page setup options, click the **Show Details** button.

3. Click the application pop-up menu, and then select **Print Settings**.
   The **Print Settings** options appear.
4. Click the **Advanced** print settings list.
5. Select the **Improve Print Output** option.
6. Select **Improve Toner Fixing**.
7. Click **Print**.

Adjust the Print Density (Macintosh)

You can increase or decrease the print density.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Print Settings.**
   The **Print Settings** options appear.
4. Click the **Advanced** print settings list.
5. Click **Density Adjustment**.
6. Clear the **Printer Default** check box.
7. To increase or decrease the print density, move the slide bar to the right or left.
8. Click **Print**.

Skip Blank Page (Macintosh)

Use this option to allow the printer driver to automatically detect blank pages and exclude them from printing.

1. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
2. Select **Dell MFP EXXXX** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
3. Click the application pop-up menu, and then select **Print Settings**.
   The **Print Settings** options appear.
4. Click the **Advanced** print settings list.
5. Click the **Other Print Options** menu.
6. Select the **Skip Blank Page** check box.
7. Click **Print**.

Print a Document Using the Dell Emulate PS Printer Driver (PostScript® 3™ language emulation) (Macintosh)

The Dell emulate PS printer driver lets you print PostScript® data more clearly.

- Make sure you have added the Dell emulate PS printer driver from **Print & Scan** or **Printers & Scanners** in the **System Preferences** list on your Macintosh.

1. Make sure you have loaded the correct size paper in the paper tray.
2. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
3. Select **Dell MFP EXXXX PS emulate** (where XXXX is your model name).

   NOTE: For more page setup options, click the **Show Details** button.
4. Type the number of copies you want in the **Copies** field.
5. Click the **Paper Size** pop-up menu, and then select your paper size.
6. Select the **Orientation** option that matches the way you want the document to print.
7. Click the print options pop-up menu, and then click **Printer Features**.
   The **Printer Features** options appear.
8. Click the **Resolution** pop-up menu, and then select the resolution.
9. Click the **Media Type** pop-up menu, and then select the type of paper you are using.
10. Change other printer settings, if needed.
11. Click **Print**.

Monitor the Status of the Machine from Your Computer (Macintosh)

The Status Monitor utility is a configurable software tool for monitoring the status of a device, allowing you to get immediate notification of error messages, such as paper empty or paper jam, at pre-set update intervals. You can also access Web Based Management.

1. Click the **System Preferences** menu, select **Print & Scan** or **Printers & Scanners**, and then select your machine.
2. Click the **Options & Supplies** button.
3. Click the **Utility** tab, and then click the **Open Printer Utility** button.
   Status Monitor starts.

   Updating the machine's status

   To view the latest machine status while the **Status Monitor** window is open, click the icon. You can set the interval at which the software updates machine status information. Click **Status Monitor** in the menu bar, and then select **Preferences**.

   Web Based Management (Network Connection Only)

   Access the Web Based Management System by clicking the machine icon on the **Status Monitor** screen. You can use a standard Web Browser to manage your machine using HTTP (Hyper Text Transfer Protocol).

Adjust Print Settings from the Machine's Control Panel

- Cancel a Print Job
- Change the Printer Emulation Mode

We recommend setting Printer Emulation mode using your application software or network server. If the setting does not work correctly, select the required emulation mode manually using the machine's control panel.

- Change 2-Sided Print Settings
  Change the settings for printing on both sides of the paper from your machine's control panel.
- Auto Continue
  This setting enables the machine to automatically clear a paper size error and use any compatible paper from other paper trays to complete the print job.
- Restore Printer Factory Settings
  Use this function to return the machine's printer settings to the factory settings.
- Print the Internal Font List
  Print a list of the machine's internal (also called resident) fonts to see how each font looks before you select it.
- Print a List of Printer Settings
- Test Print
  If there are problems with print quality, follow these instructions to do a test print.

Cancel a Print Job

1. Press **Cancel**.

Change the Printer Emulation Mode

We recommend setting Printer Emulation mode using your application software or network server. If the setting does not work correctly, select the required emulation mode manually using the machine's control panel.
Your machine will receive print commands in a printer job language, or emulation. Different operating systems and applications send the print commands in different languages. Your machine can receive print commands in a variety of emulations and has an automatic emulation selection feature. When the machine receives data from the computer, it automatically selects the emulation mode. The default setting is Auto.

PCL Setting Mode

PCL Setting mode is the emulation mode in which this printer supports the PCL6 language of a Hewlett-Packard LaserJet laser printer. Many applications support this type of laser printer. Using this mode will allow your machine to run at its best with those applications.

Dell emulate PS Mode

Dell emulate PS is an original Dell page description language and a PostScript® language emulation interpreter. This machine supports PostScript® 3™. The Dell emulate PS interpreter of this machine allows you to control text and graphics on the page.

For technical information about PostScript® commands, see the following manuals:

- Adobe Systems Incorporated. PostScript® Language Reference, 3rd edition. Addison-Wesley Professional, 1999. ISBN: 0-201-37922-8
- Adobe Systems Incorporated. PostScript® Language Program Design. Addison-Wesley Professional, 1988. ISBN: 0-201-14396-8
- Adobe Systems Incorporated. PostScript® Language Tutorial and Cookbook. Addison-Wesley Professional, 1985. ISBN: 0-201-10179-3

1. Press **Menu**.

2. Press ▲ or ▼ to display the `Printer` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Emulation` option, and then press **OK**.
4. Select the emulation mode you want.
5. Press **Cancel**.

Change 2-Sided Print Settings

Change the settings for printing on both sides of the paper from your machine's control panel.

Settings in the printer driver always take priority over settings you change manually on the control panel. If you do not print 2-sided frequently, select **None** for the **2-sided / Booklet** pull down list in the printer driver, and use the control panel to turn it on manually only when you want to print on both sides of the paper.

---

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Printer` option, and then press **OK**.
3. Press ▲ or ▼ to display the `2-sided` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Off`, `On(Long Edge)`, or `On(Short Edge)` option, and then press **OK**.
5. Press **Cancel**.

Auto Continue

This setting enables the machine to automatically clear a paper size error and use any compatible paper from other paper trays to complete the print job.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Printer` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Auto Continue` option, and then press **OK**.
4. Press ▲ or ▼ to display the `On` or `Off` option, and then press **OK**.
5. Press **Cancel**.

Restore Printer Factory Settings

Use this function to return the machine's printer settings to the factory settings.

This will not reset the network settings.

---

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Printer` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Reset Printer` option, and then press **OK**.
4. Follow the machine's instruction to reset printer settings.
5. Press **Cancel**.

Print the Internal Font List

Print a list of the machine's internal (also called resident) fonts to see how each font looks before you select it.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Printer` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Print Options` option, and then press **OK**.
4. Press ▲ or ▼ to display the `INTERNAL FONT` option, and then press **OK**.
5. Press the `PCL Setting` or `PS Emulate` option.
6. Press **Cancel**.

Print a List of Printer Settings

1. Press **Menu**.
2. Do one of the following:
   - For Dell E515dn/Dell E515dw
     Press ▲ or ▼ to display the `Print Reports` option, and then press **OK**.
   - For Dell E514dw
     Press ▲ or ▼ to display the `Machine Info.` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Print Settings` option, and then press **OK**.

The machine prints the Printer Settings.

Test Print

If there are problems with print quality, follow these instructions to do a test print.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Printer` option, and then press **OK**.
3. (For Printer Emulation Supported models)
   Press ▲ or ▼ to display the `Print Options` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Test Print` option, and then press **OK**.
5. Press **Start**.
   The machine prints a Test Print page.
6. Press **Cancel**.

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4

Scan

- Before Scanning
- Scan Using the Scan Button on Your Dell Machine
- Scan from Your Computer (Windows®)
- Scan from Your Computer (Macintosh)

  There are several ways you can use your Macintosh to scan photos and documents on your Dell machine. Use the software applications provided by Dell or your favorite scanning application.

Before Scanning

Before attempting to scan, confirm the following:

- For USB or network cable users: Make sure the interface cable is correctly inserted.

Configure Network Scanning for Windows®

To use the machine as a network scanner, the machine must be configured with a TCP/IP address.

- If you installed the machine following the instructions for a network user, then the machine should already be configured for your network.
- If your computer is protected by a firewall and is unable to scan when connecting over the network, you may need to configure the firewall settings.

- For network scanning, a maximum of 25 clients can be connected to one machine on a network.

1. **Do one of the following:**
   - (Windows Vista®)

     Click **(Start) > Control Panel > Hardware and Sound > Scanners and Cameras**.
   - (Windows® 7)

     Click **(Start) > All Programs > Dell Printers**.

     Click the drop-down list and select your model name (if not already selected). Click **SCAN** in the left navigation bar, and then click **Scanners and Cameras**.
   - (Windows® 8)

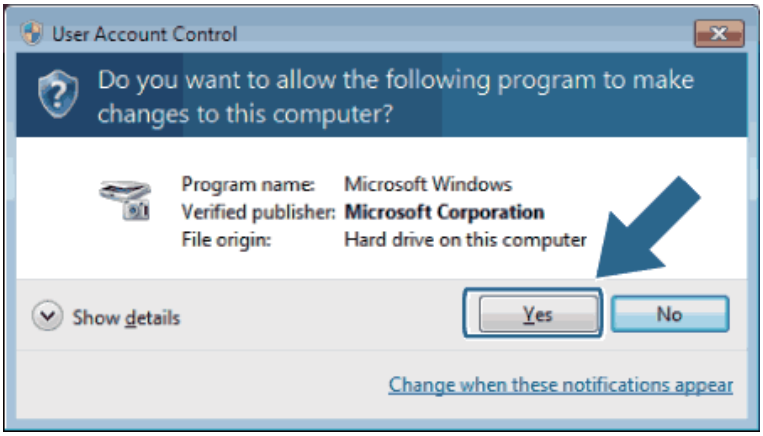
     Dell Printer Hub, and then click the drop-down list and select your model name (if not already selected). Click **SCAN** in the left navigation bar, and then click **Scanners and Cameras**.
2. **Do one of the following:**
   - (Windows Vista®, Windows® 7 and Windows® 8)

     Click the **Properties** button.

   NOTE: (Windows Vista®, Windows® 7 and Windows® 8)

   If the **User Account Control** screen appears, do the following:

   - For users who have administrator rights: Click **Continue** or **Yes**.


User Account Control
Do you want to allow the following program to make changes to this computer?
Program name: Microsoft Windows
Verified publisher: Microsoft Corporation
File origin: Hard drive on this computer
Show details
Yes
No
Change when these notifications appear

- For users who do not have administrator rights: Type the administrator password, and then click **OK** or **Yes**.

User Account Control
Do you want to allow the following program to make changes to this computer?
Program name: Microsoft Windows
Verified publisher: Microsoft Corporation
File origin: Hard drive on this computer
To continue, type an administrator password, and then click Yes.
User
Password
Show details
Yes
No

3. Click the **Network Setting** tab, and then select the appropriate connection method.
   - Specify your machine by address.
     Type the machine's IP address in the **IP Address** field, and then click **OK**.
   - Specify your machine by name.
     Type the machine's node name in the **Node Name** field, or click **Browse** to search for a device, and then select the machine you want to use. Click **OK**.
4. Click the **Scan To Button** tab, and then type your computer's name in the **Display Name (Max 15 characters)** field. The machine's LCD displays the name you type. The default setting is your computer's name. You can type any name you like.
5. To avoid receiving unwanted documents, type a four-digit PIN in the **Pin number** and **Retype Pin number** fields. To send data to a computer protected by a PIN, the LCD prompts you to enter the PIN before the document can be scanned and sent to the computer.

Configure Network Scanning for Macintosh

To use the machine as a network scanner, the machine must be configured with a TCP/IP address.

- If you installed the machine following the instructions for a network user, the machine should already be configured for your network.
- To use the machine as a network scanner, the machine must be configured with a TCP/IP address. You can set or change the address settings from the machine's control panel.
- To scan from the machine on a network, you must select the networked machine in the Device Selector application.

1. In the **Finder** menu bar, click **Go > Applications > Dell Printers**, and then double-click the **(ControlCenter)** icon.
   The **ControlCenter** screen appears.
2. Click the **Model** pop-up menu, and then select **Other....**
   The **Device Selector** window appears.
3. Click the **+** button.
4. Select a machine from the list of available machines, and then click **Add**. You can also specify your machine by IP address. Click the **IP** button, and then type the IP address.
5. Click **OK**.

   NOTE: To use the `Scan` button features on the machine, select the **Scan Key Setting** check box to register your computer with the "Scan To" features at the machine. Type the name for your Macintosh that you want to be displayed on the machine's LCD (up to 15 characters).

   NOTE: To avoid receiving unwanted documents, select the **Enable PIN code protection** check box, and then type a four-digit PIN in the **PIN code** and **Verify** fields. To send data to a computer protected by a PIN, the LCD prompts you to type the PIN before the document can be scanned and sent to the computer.

Scan Using the Scan Button on Your Dell Machine

- Scan Photos and Graphics
  Send scanned photos or graphics directly to your computer. Dell's ControlCenter software (for Macintosh only) will launch the default graphics application on your computer and open your scanned document automatically.
- Save Scanned Data to a Folder as a PDF File
  Scan documents and save them to a folder on your computer as PDF files.
- Web Services for Scanning on Your Network (Windows Vista® SP2 or greater, Windows® 7 and Windows® 8)
  The Web Services protocol enables Windows Vista® (SP2 or greater), Windows® 7 and Windows® 8 users to scan using a Dell machine on the network. You must install the driver via Web Services.
- Change Scan Button Settings from ControlCenter (Macintosh)

Scan Photos and Graphics

Send scanned photos or graphics directly to your computer. Dell's ControlCenter software (for Macintosh only) will launch the default graphics application on your computer and open your scanned document automatically.

Use the Scan button on the machine to make temporary changes to the scan settings. To make permanent changes, use Dell's ControlCenter software (for Macintosh only).

---

1. **Load your document.**
2. **Press** **(Scan).**
3. **Press ▲ or ▼ to select the** `Scan to PC` **option, and then press OK.**
4. **Press ▲ or ▼ to select the** `Image` **option, and then press OK.**
5. **If the machine is connected over the network, select the destination computer.**
6. **Press OK.**

   NOTE: If the LCD prompts you to enter a PIN, enter the four-digit PIN for the destination computer on the LCD.
7. **Do one of the following:**
   - To change the scan settings for this document, press ▲ or ▼ to select Yes, and then press **OK**. Go to the next step.
   - To use the default scan settings, press ▲ or ▼ to select No, and then press **OK**. Press **Start**.
     The machine starts scanning. If you are using the machine's scanner glass, follow the LCD instructions to complete the scanning job.

   NOTE: In order to change scan settings, Dell's Control Center software (for Macintosh only) must be installed on a computer connected to the machine.

   NOTE: (For Windows) In order to change scan settings, see the FAQ in Dell Printer Hub software.
8. **Select the scan settings you want to change:**
   - `Scan Type`
   - `Resolution`
   - `File Type`
   - `Scan Size`
   - `Remove Bkg. Clr`
     (available only for the `Color` and `Gray` options.)
9. **Press Start.**
   The machine starts scanning. If you are using the machine's scanner glass, follow the LCD instructions to complete the scanning job.

Save Scanned Data to a Folder as a PDF File

Scan documents and save them to a folder on your computer as PDF files.

Use the Scan button on the machine to make temporary changes to the scan settings. To make permanent changes, use Dell's ControlCenter software (for Macintosh only).

---

1. **Load your document.**
2. **Press (Scan).**
3. **Press ▲ or ▼ to select the `Scan to PC` option, and then press OK.**
4. **Press ▲ or ▼ to select the `File` option, and then press OK.**
5. **If the machine is connected over the network, select the destination computer.**
6. **Press OK.**

   NOTE: If the LCD prompts you to enter a PIN, enter the four-digit PIN for the destination computer on the LCD.
7. **Do one of the following:**
   - To change the scan settings for this document, press ▲ or ▼ to select Yes, and then press **OK**. Go to the next step.
   - To use the default scan settings, press ▲ or ▼ to select No, and then press **OK**. Press **Start**. The machine starts scanning. If you are using the machine's scanner glass, follow the LCD instructions to complete the scanning job.

   NOTE: In order to change scan settings, Dell's Control Center software (for Macintosh only) must be installed on a computer connected to the machine.

   NOTE: (For Windows) In order to change scan settings, see the FAQ in Dell Printer Hub software.
8. **Select the scan settings you want to change:**
   - `Scan Type`
   - `Resolution`
   - `File Type`
   - `Scan Size`
   - `Remove Bkg. Clr`
     (available only for the `Color` and `Gray` options.)
9. **Press Start.**
   The machine starts scanning. If you are using the machine's scanner glass, follow the LCD instructions to complete the scanning job.

Web Services for Scanning on Your Network (Windows Vista® SP2 or greater, Windows® 7 and Windows® 8)

The Web Services protocol enables Windows Vista® (SP2 or greater), Windows® 7 and Windows® 8 users to scan using a Dell machine on the network. You must install the driver via Web Services.

- Scan Using Web Services from the Dell Machine (Windows Vista® SP2 or greater, Windows® 7 and Windows® 8)
  If you have installed the driver for scanning via Web Services, you can access the Web Services scanning menu on your Dell machine's LCD.
- Configure Scan Settings for Web Services

Scan Using Web Services from the Dell Machine (Windows Vista® SP2 or greater, Windows® 7 and Windows® 8)

If you have installed the driver for scanning via Web Services, you can access the Web Services scanning menu on your Dell machine's LCD.

Certain characters in the messages displayed on the LCD may be replaced with spaces if the language settings of your OS and your Dell machine are different.

---

1. Load your document.
2. Press **(Scan)**.
3. Press ▲ or ▼ to select the `Web Service` option, and then press **OK**.
4. Press ▲ or ▼ to select the type of scan you want to do, and then press **OK**.
5. Press ▲ or ▼ to select the destination computer where you want to send the scan, and then press **OK**.
6. Press **Start**.
   The machine starts scanning.

Configure Scan Settings for Web Services

1. Do one of the following:
   - (Windows Vista®)
     Click **(Start) > Control Panel > Hardware and Sound > Scanners and Cameras**.
   - (Windows® 7)
     Click **(Start) > Devices and Printers**.
   - (Windows® 8)
     Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings**, and then click **Control Panel**. In the **Hardware and Sound** group, click **View devices and printers**.
2. Do one of the following:
   - (Windows Vista®)
     Click your machine, and then click the **Scan Profiles** button. The **Scan Profiles** dialog box appears.
   - (Windows® 7) and (Windows® 8)
     Right-click on the machine icon, and then select **Scan profiles...**. The **Scan Profiles** dialog box appears.
3. Select the scan profile you want to use.
4. Make sure the scanner selected in the **Scanner** list is a Dell machine that supports Web Services for scanning,

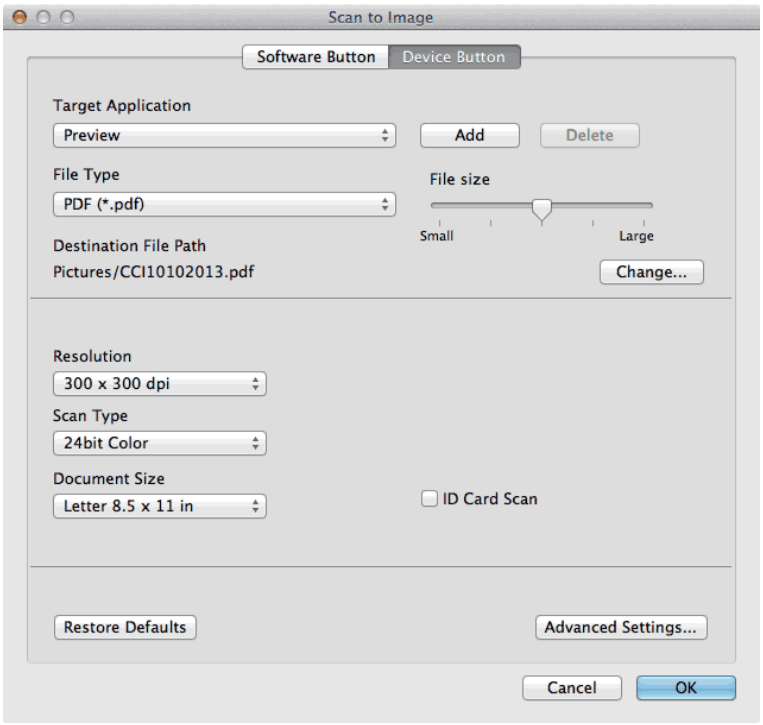
and then click the **Set as Default** button.

5. Click **Edit...**.
   The **Edit Default Profile** dialog box appears.
6. Select the **Source**, **Paper size**, **Color format**, **File type**, **Resolution (DPI)**, **Brightness** and **Contrast** settings.
7. Click the **Save Profile** button.
   These settings will be applied when you scan using the Web Services protocol.

If you are requested to select a scanning application, select Windows® Fax and Scan or Windows® Photo Gallery from the list.

Change Scan Button Settings from ControlCenter (Macintosh)

1. In the **Finder** menu bar, click **Go > Applications > Dell Printers**, and then double-click the **(ControlCenter)** icon.
   The **ControlCenter** screen appears.
2. Hold the Control key on your keyboard and click on the scan destination (**Image**, **OCR**, **E-mail**, or **File**) whose settings you want to change.
3. Click the **Device Button** tab.
   The settings for the scan destination that you selected appear.
   The following example shows the **Scan to Image** settings.



NOTE: Each tab corresponds to a scan feature, as described below. These settings can be changed.

Tab Name	Corresponding Feature
Image	Scan to Image
OCR	Scan to OCR
E-mail	Scan to E-mail
File	Scan to File

Settings	Applicable Features			
	Image	OCR	E-mail	File
Target Application/E-mail Application Select which application is used to open scanned data. Only applications installed on your computer can be selected. • **Add** Add an application to the pop-up menu. Type the application name in the **Application Name** field (up to 30 characters) and select your preferred application by clicking the **Browse** button. Select the **File Type** option from the pop-up menu. • **Delete** Delete an application you have added to the pop-up menu. Select the application from the **Application Name** pop-up menu, and then click **Delete**.	Yes	Yes	Yes	-
File Type Select the file type you want to use for the scanned data.	Yes	Yes	Yes	Yes
File size Change the file size by moving the **File size** slider to the right or left.	Yes	-	Yes	Yes
OCR Language Set the OCR language to match the language of the scanned document's text.	-	Yes	-	-
Destination File Path Click the **Change** button to change the prefix of the file name and the path of the destination folder.	Yes	Yes	Yes	-
File Name Type a prefix for your file name, if needed.	Yes	Yes	Yes	Yes
Insert Date in File Name Automatically insert the date in the file name of the scanned image.	Yes	Yes	Yes	Yes
Destination Folder Click **Browse** to select the folder where you would like to save your scanned document.	Yes	Yes	Yes	Yes

Show Folder Select the **Show Folder** option to automatically display the destination folder after scanning.	-	-	-	Yes
Resolution Select a scanning resolution from the **Resolution** pop-up menu. Higher resolutions take more memory and transfer time, but produce a finer scanned image.	Yes	Yes	Yes	Yes
Scan Type Select from a range of scan color depths. • **Black & White** Use for text or line art images. • **Gray (Error Diffusion)** Use for photographic images or graphics. (Error Diffusion is a method for creating simulated gray images without using true gray dots. Black dots are put in a specific pattern to give a gray appearance.) • **True Gray** Use for photographic images or graphics. This mode is more accurate because it uses up to 256 shades of gray. • **24bit Color** Use to create an image with the most accurate color reproduction. This mode uses up to 16.8 million colors to scan the image, but it requires the most memory and has the longest transfer time. • **Auto** Use for any type of document. This mode automatically picks an appropriate color depth for the document.	Yes	Yes	Yes	Yes
Document Size Select the exact size of your document from the **Document Size** pop-up menu. • If you select **1 to 2 (A4)**, the scanned image will be divided into two A5-size documents.	Yes	Yes	Yes	Yes

Advanced Settings Configure advanced settings by clicking the **Advanced Settings** button in the Scan Settings dialog box. • **Brightness** Set the **Brightness** level by dragging the slider to the right or left to lighten or darken the image. If the scanned image is too light, set a lower brightness level and scan the document again. If the image is too dark, set a higher brightness level and scan the document again. • **Contrast** Increase or decrease the **Contrast** level by moving the slider to the right or left. An increase emphasizes dark and light areas of the image, while a decrease reveals more details in gray areas. You can also enter a value in the box to set the contrast. • **Remove Background Color** Remove the base color of documents to make the scanned data more recognizable. When you use this function, select from three settings: high, medium, and low. (Available only for the **Auto**, **True Gray** and **24bit Color** options)	Yes	Yes	Yes	Yes
Restore Defaults Select this option to restore all settings to their factory setting values.	Yes	Yes	Yes	Yes

Scan from Your Computer (Windows®)

When you scan from your computer, see the FAQ in Dell Printer Hub software.

Scan from Your Computer (Macintosh)

There are several ways you can use your Macintosh to scan photos and documents on your Dell machine. Use the software applications provided by Dell or your favorite scanning application.

- Scan Using ControlCenter (Macintosh)
  Use Dell's ControlCenter software to scan photos and save them as JPEGs, PDFs, or other file formats.
- Scan Using TWAIN-Compliant Applications (Macintosh)
- Scan Using Apple Image Capture (ICA Driver)
  The Apple Image Capture application uses the ICA scanner driver.

Scan Using ControlCenter (Macintosh)

Use Dell's ControlCenter software to scan photos and save them as JPEGs, PDFs, or other file formats.

- Scan Documents and Photos Using ControlCenter (Macintosh)

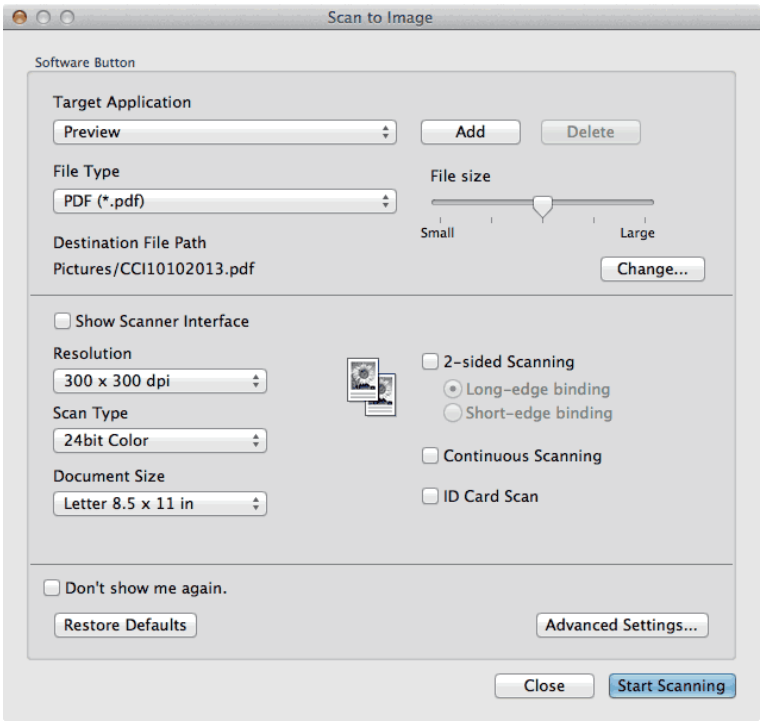
Send scanned photos or graphics directly to your computer. Dell's ControlCenter software (for Macintosh only) will launch the default graphics application on your computer and open your scanned document automatically.

- Save Scanned Data to a Folder as a PDF File Using ControlCenter (Macintosh)
- Scan Both Sides of an ID Card Using ControlCenter
- Scan to E-mail Attachment Using ControlCenter (Macintosh)
  Send a scanned document as an email attachment.
- Scan to an Editable Text File (OCR) Using ControlCenter (Macintosh)
  Your machine can convert characters in a scanned document to text data using optical character recognition (OCR) technology. Edit this text using your preferred text-editing application.
- Scan Settings for ControlCenter (Macintosh)

Scan Documents and Photos Using ControlCenter (Macintosh)

Send scanned photos or graphics directly to your computer. Dell's ControlCenter software (for Macintosh only) will launch the default graphics application on your computer and open your scanned document automatically.

1. Load your document.
2. In the **Finder** menu bar, click **Go > Applications > Dell Printers,** and then double-click the **(ControlCenter)** icon.
   The **ControlCenter** screen appears.
3. Click the **SCAN** tab.
4. Click the **Image** button.
   The scan settings dialog box appears.



5. Change the scan settings, such as file format, file name, destination file path, resolution, or color, if needed.

   NOTE: To change the file name or destination file path, click **Change**.

6. Click the **Start Scanning** button.
   The machine starts scanning. The scanned image will open in the application you have selected.

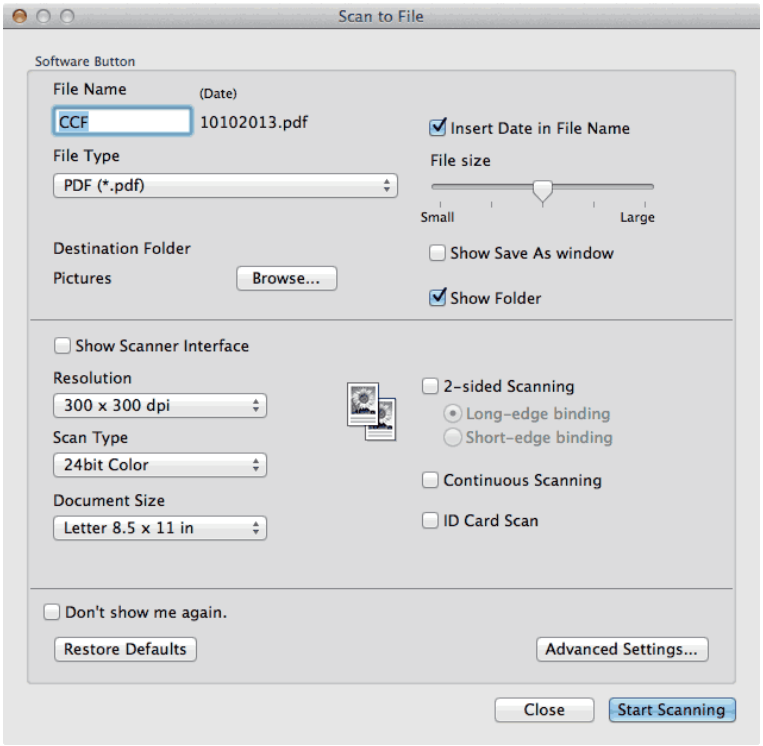
Save Scanned Data to a Folder as a PDF File Using ControlCenter (Macintosh)

1. Load your document.

2. In the **Finder** menu bar, click **Go > Applications > Dell Printers**, and then double-click the **(ControlCenter)** icon.
   The **ControlCenter** screen appears.

3. Click the **SCAN** tab.

4. Click the **File** button.
   The scan settings dialog box appears.



5. Click the **File Type** pop-up menu, and then select **PDF (*.pdf)**.

   NOTE: To save the document as a password-protected PDF, select **Secure PDF (*.pdf)** from the **File Type** pop-up menu, type your password in the **Password** and **Re-type Password** fields, and then click **OK**.

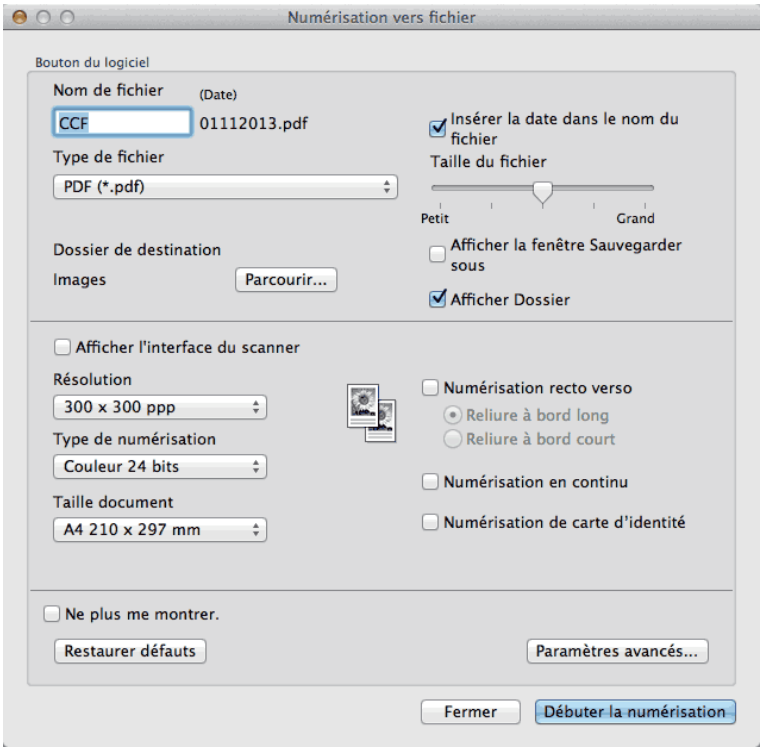
6. Change the scan settings, such as file format, file name, destination folder, resolution, or color, if needed.

7. Click the **Start Scanning** button.

The machine starts scanning. The file will be saved in the folder you selected.

Scan Both Sides of an ID Card Using ControlCenter

1. Place an ID card on the scanner glass.
2. In the **Finder** menu bar, click **Go > Applications > Dell Printers**, and then double-click the **(ControlCenter)** icon.
   The **ControlCenter** screen appears.
3. Click the **SCAN** tab.
4. Click the **File** button.
   The scan settings dialog box appears.



5. Select the **ID Card Scan** check box.
   The instruction dialog appears.
6. Read the instructions on the screen, and then press **OK**.
7. Configure other settings, if needed.
8. Click the **Start Scanning** button.
   The machine starts scanning one side of the identification card.
9. After the machine has scanned one side, turn over the identification card, and then click **Continue** to scan the other side.
10. Click **Finish**.

Scan to E-mail Attachment Using ControlCenter (Macintosh)

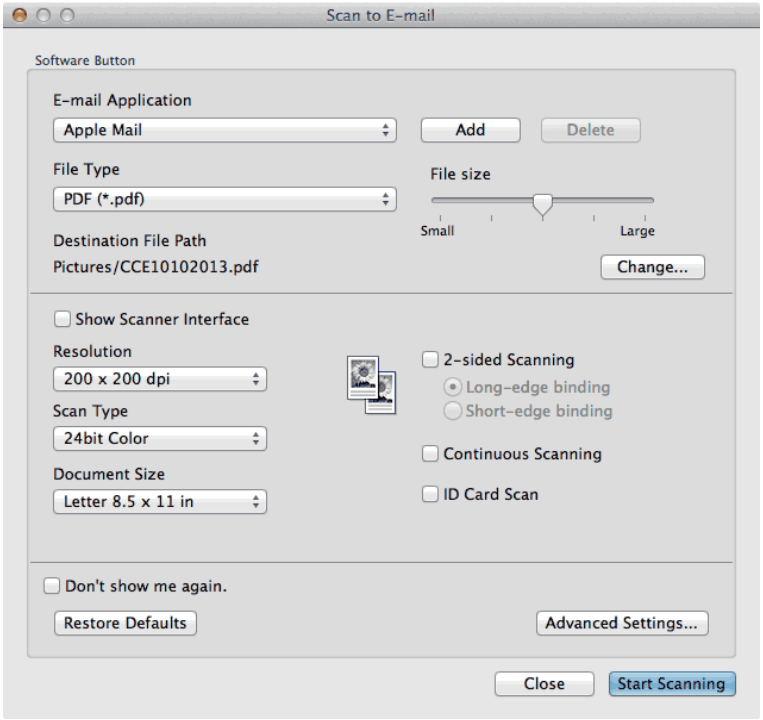
Send a scanned document as an email attachment.

- The Scan to E-mail feature does not support Webmail services. Use the Scan to Image or Scan to File feature to scan a document or a picture, and then attach the file of the scanned data to an email message.

NOTE: The machine scans to your default email client.

---

1. Load your document.
2. In the **Finder** menu bar, click **Go > Applications > Dell Printers**, and then double-click the **(ControlCenter)** icon.
   The **ControlCenter** screen appears.
3. Click the **SCAN** tab.
4. Click the **E-mail** button.
   The scan settings dialog box appears.



5. Change the scan settings, such as file format, file name, destination file path, resolution, or color, if needed.

   NOTE: To change the file name or destination file path, click **Change**.
6. Click the **Start Scanning** button.
   The machine starts scanning. Your default email application will open and the scanned image is attached to a new, blank email.

Scan to an Editable Text File (OCR) Using ControlCenter (Macintosh)

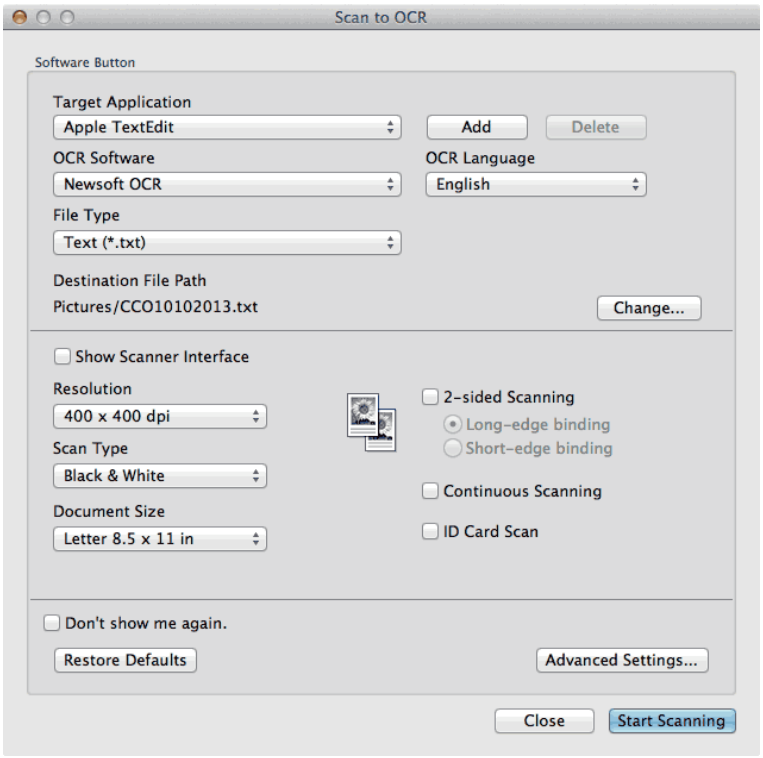
Your machine can convert characters in a scanned document to text data using optical character recognition (OCR) technology. Edit this text using your preferred text-editing application.

(Macintosh) OCR Software must be installed on your computer.
Download OCR Software from Install OCR Software.

NOTE: The Scan to OCR feature is available for English, French, German, Dutch, Italian, Spanish, Brazilian Portuguese, Danish, Swedish, Japanese, Korean, Traditional Chinese and Simplified Chinese.

---

1. Load your document.
2. In the **Finder** menu bar, click **Go > Applications > Dell Printers**, and then double-click the **(ControlCenter)** icon.
   The **ControlCenter** screen appears.
3. Click the **SCAN** tab.
4. Click the **OCR** button.
   The scan settings dialog box appears.

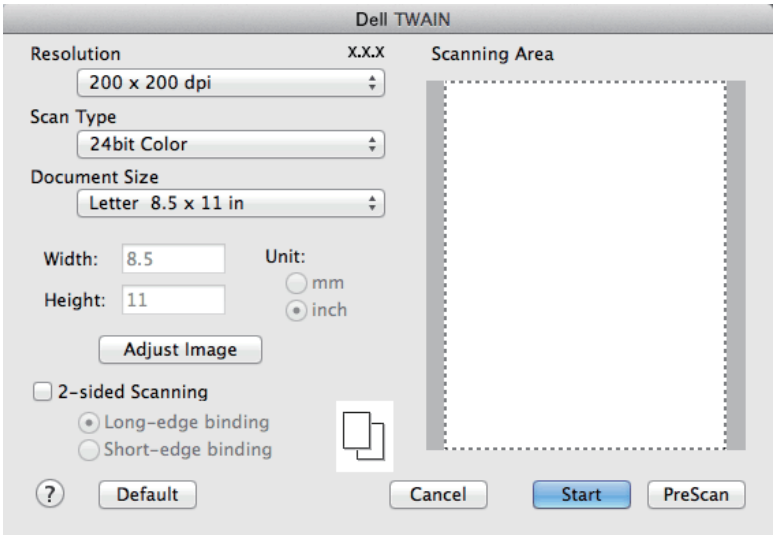


5. Change the scan settings, such as file format, file name, destination file path, resolution, or color, if needed.
   NOTE: To change the file name or destination file path, click **Change**.
6. Click the **Start Scanning** button.

The machine scans the document, converts it to editable text, and then sends it to your default word processing application.

Scan Using TWAIN-Compliant Applications (Macintosh)

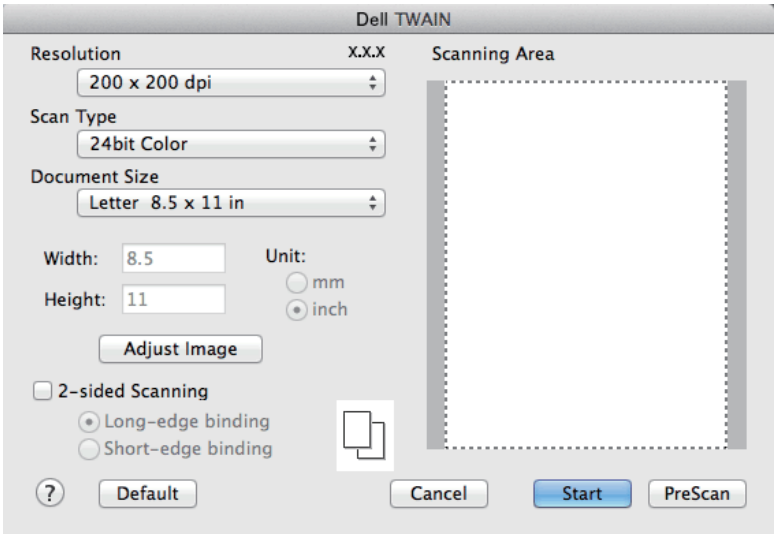
1. Launch your scanning application.
   The first time you use the Dell TWAIN driver, you must set it as the default driver.
2. Select the scan command in your application.
   The scanner setup dialog box appears.



3. Change the scan settings, such as **Resolution**, **Scan Type**, or **Adjust Image** options, if needed.
4. Click the **Document Size** pop-up menu, and then select your document size.

   NOTE: After you select a document size, adjust the scanning area by holding down the mouse button and dragging your mouse pointer over the portion you want to scan.
5. Click the **PreScan** option to preview your image and crop unwanted portions before scanning.
6. Click **Start**.
   The machine starts scanning.

TWAIN Driver Settings (Macintosh)



NOTE: Item names and assignable values will vary depending on the machine.

NOTE: The **Brightness** setting is available only when selecting **Black & White**, **Gray (Error Diffusion)**, **True Gray**, or **24bit Color** from the **Scan Type** options.

NOTE: The **Contrast** setting is available only when selecting **Gray (Error Diffusion)**, **True Gray**, or **24bit Color** from the **Scan Type** options.

Resolution

Select a scanning resolution from the **Resolution** pop-up menu. Higher resolutions take more memory and transfer time, but produce a finer scanned image.

Scan Type

Select from a range of scan color depths.

- **Black & White**
  Use for text or line art images.
- **Gray (Error Diffusion)**
  Use for photographic images or graphics. (Error Diffusion is a method for creating simulated gray images without using true gray dots. Black dots are put in a specific pattern to give a gray appearance.)
- **True Gray**
  Use for photographic images or graphics. This mode is more accurate because it uses up to 256 shades of gray.
- **256 Color**
  Use for simple color illustrations that do not use the full color spectrum. This mode uses up to 256 colors to create images.
- **24bit Color**
  Use to create an image with the most accurate color reproduction. This mode uses up to 16.8 million colors to scan the image, but it requires the most memory and has the longest transfer time.

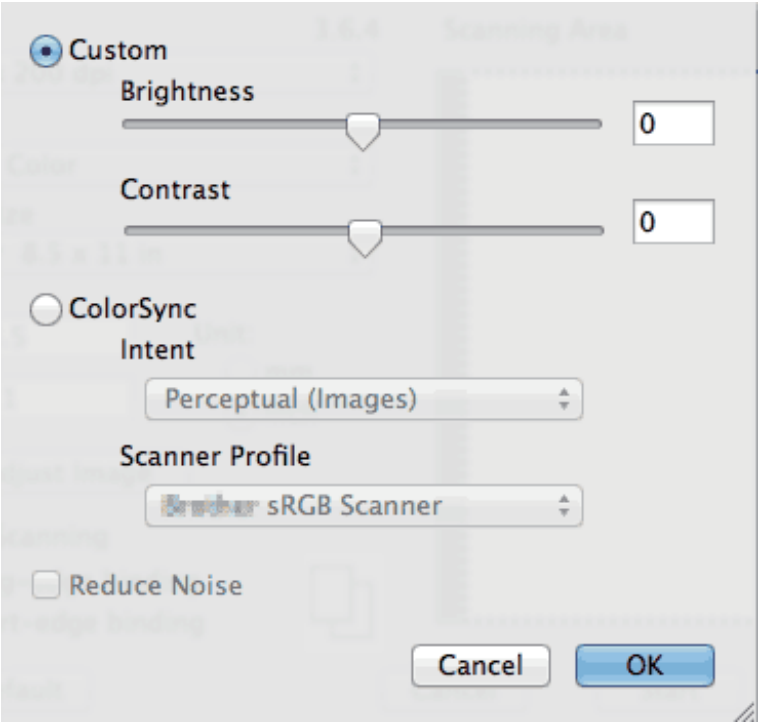
Document Size

Select the exact size of your document from a selection of preset scan sizes.

- If you select **Custom**, you can specify the document size.

Adjust Image

Click the **Adjust Image** button to adjust other image qualities.



Brightness

Set the **Brightness** level by dragging the slider to the right or left to lighten or darken the image. If the scanned image is too light, set a lower brightness level and scan the document again. If the image is too dark, set a higher brightness level and scan the document again.

You can also type a value in the box to set the brightness.

Contrast

Increase or decrease the **Contrast** level by moving the slider to the right or left. An increase emphasizes dark and light areas of the image, while a decrease reveals more details in gray areas. You can also type a value in the box to set the contrast.

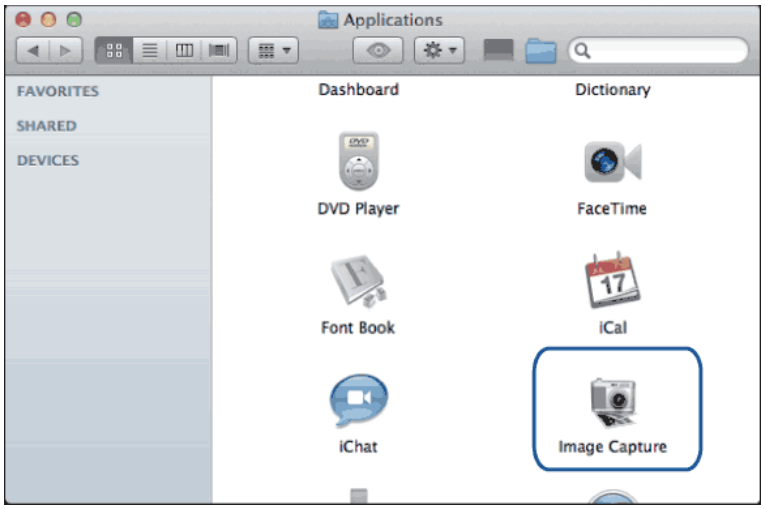
Reduce Noise

Improve and enhance the quality of your scanned images with this selection. The **Reduce Noise** option is available when selecting the **24bit Color** option and the **300 x 300 dpi**, **400 x 400 dpi**, or **600 x 600 dpi** scan resolutions.

Scan Using Apple Image Capture (ICA Driver)

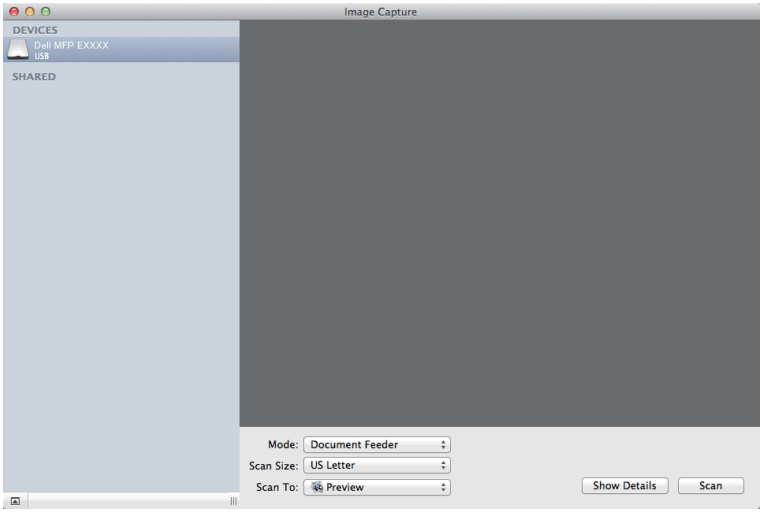
The Apple Image Capture application uses the ICA scanner driver.

1. Launch the **Image Capture** application.

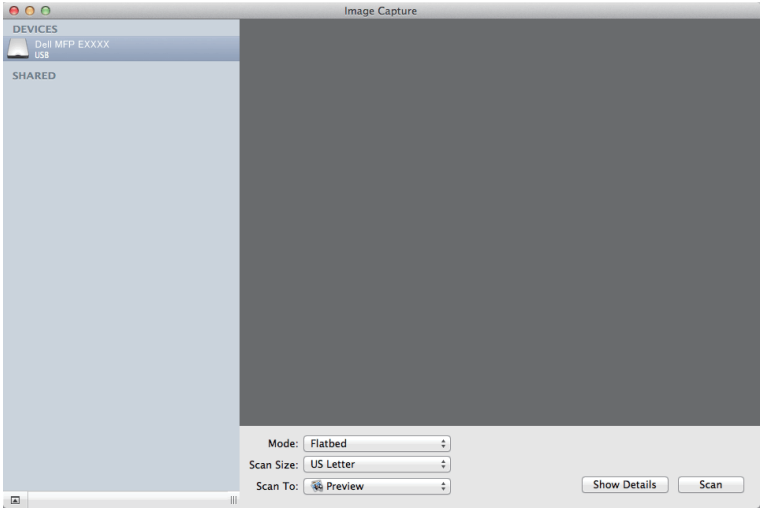


2. Select the machine from the list on the left side of the screen.
   If you connected the Dell machine to your Macintosh with a USB cable, you will see the machine in the **DEVICES** area. If connected via LAN, you will see it in the **SHARED** area.

3. Load your document.
4. Do one of the following:
   - (For OS X v10.8.x, 10.9.x and 10.10.x)
     If you place the document in the ADF, select the **Use Document Feeder** check box and then select the size of your document from the scan size setting pop-up menu.



- (For OS X v10.8.x, 10.9.x and 10.10.x)
  If you place the document on the scanner glass, clear the **Use Document Feeder** check box.



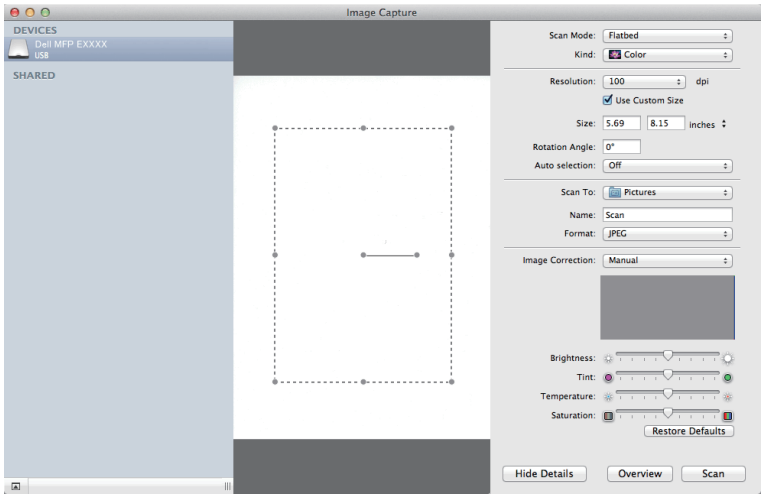
Show Details

Change the scanning settings, if needed.

You can crop the image manually by dragging the mouse pointer over the portion you want to scan when scanning from the scanner glass.

5. Select the destination folder or destination application from the **Scan To** pop-up menu.
6. Click **Scan**.
   The machine starts scanning.

ICA Driver Settings



NOTE: Item names and assignable values listed here may vary depending on the machine.

Scan Mode

Select **Document Feeder**, or **Flatbed**.

Kind

Select **Color**, **Black & White**, or **Text**.

Resolution

Select the resolution for your document.

Use Custom Size

Select this check box to customize the document size when scanning from the **Flatbed**.

Scan Size/Size

Select the paper size of the document being scanned.

Orientation / Rotation Angle

Select the orientation of the document being scanned.

Auto selection

If you selected **Use Custom Size** when using the **Flatbed**, choose the Image Capture's automatic detection features here.

Scan To

Select the destination folder or destination application.

Name

Type the prefix text for the name of the scanned image.

Format

Select the file format of the scanned data.

Combine into single document

When you select PDF or TIFF for the file format, select this check box to scan and save a multiple-page document as one file.

Image Correction

Select **Manual** to adjust **Brightness**, **Contrast**, **Tint**, **Temperature** and **Saturation**.

Copy 119
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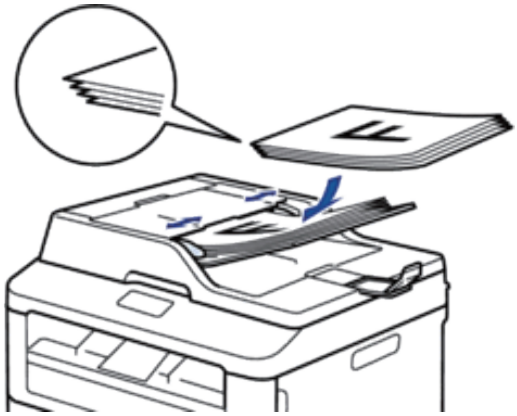
5

Copy

- Copy a Document
- Copy Option
- Change the Copy Quality
  Select the copy quality for the type of document you are copying.
- Enlarge or Reduce Copied Images
  Select an enlargement or reduction ratio to resize your copied data.
- Adjust the Copy Contrast
  If your document is very light or very dark, changing the contrast may improve the quality of the copy.
- Adjust the Copy Density (Brightness)
  Adjust the copy density to make copies darker or lighter.
- Make N in 1 Copies Using the Page Layout Feature
  The N in 1 copy feature saves paper by copying two or four pages of your document onto one page of the copy.
- Sort Copies
  Sort multiple copies. Pages will be stacked in the order they are fed, that is: 1, 2, 3, and so on.
- Copy Both Sides of an ID Card onto One Page
  Use the ID Copy feature to copy both sides of an identification card onto one page, keeping the original card size.
- Copy on Both Sides of the Paper (2-sided Copy)
  Reduce the amount of paper you use by copying onto both sides of the paper.

Copy a Document

1. **Make sure you have loaded the correct size paper in the paper tray.**
2. **Do one of the following:**
   - Place the document *face up* in the ADF.
     (If you are copying multiple pages, we recommend using the ADF.)



   - Place the document *face down* on the scanner glass.

3. **Do one of the following:**
   - Dell E515dn/Dell E515dw

     Press **(Copy)**.

     Use the dial pad to enter the number of copies you want.
   - Dell E514dw

     Press ▲ or ▼ to enter the number of copies you want.

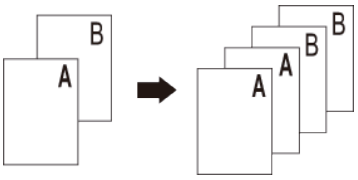
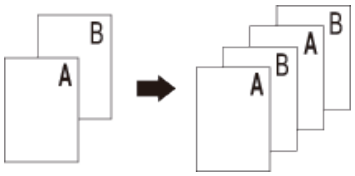
   The LCD displays:

4. Press **Start**.

Copy Option

To change Copy settings, press the **Options** button.

Menu selections	Options
Quality	Auto
	Text
	Photo
	Receipt

Stack/Sort	Stack  Sort 
Brightness	Increase the brightness to make the text lighter. Decrease the brightness to make the text darker.
Contrast	Increase the contrast to make an image clearer. Decrease the contrast to make an image more subdued.
Enlarge/Reduce	100% 97% LTR→A4 94% A4→LTR 91% Full Page 85% LTR→EXE 83% LGL→A4 78% LGL→LTR 70% A4→A5 50% Custom(25-400%) Auto 200% 141% A5→A4 104% EXE→LTR
Page Layout	Off(1 in 1) 2 in 1 (P) 2 in 1 (L) 4 in 1 (P) 4 in 1 (L)
2-sided	Off 1sided→2sided L 1sided→2sided S

Change the Copy Quality

Select the copy quality for the type of document you are copying.

1. **Load your document.**
2. **Do one of the following:**
   - Dell E515dn/Dell E515dw

     Press **(Copy)**.

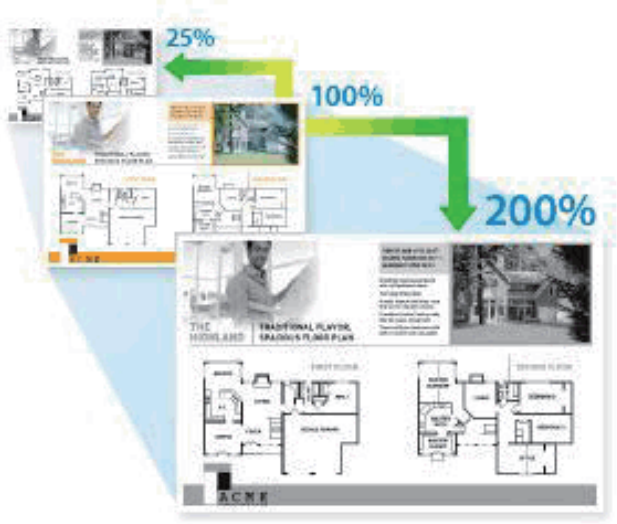
     Use the dial pad to enter the number of copies you want.
   - Dell E514dw

     Press ▲ or ▼ to enter the number of copies you want.
3. **Press Options.**
4. Press ▲ or ▼ **to select the** `Quality` **option, and then press OK.**
5. Press ▲ or ▼ **to select the** `Auto`, `Text`, `Photo` **or** `Receipt` **option, and then press OK.**

6. Press **Start**.

Enlarge or Reduce Copied Images

Select an enlargement or reduction ratio to resize your copied data.



1. **Load your document.**
2. **Do one of the following:**
   - Dell E515dn/Dell E515dw

     Press **(Copy)**.

     Use the dial pad to enter the number of copies you want.
   - Dell E514dw

     Press ▲ or ▼ to enter the number of copies you want.
3. **Press Options.**
4. **Press ▲ or ▼ to select `Enlarge/Reduce`, and then press OK.**
5. **Press ▲ or ▼ to select the enlargement or reduction ratio you want, and then press OK.**
   - If you select `Custom(25-400%)`, use the dial pad, or press ▲ or ▼ to enter an enlargement or reduction ratio from `25%` to `400%`.
6. **Press Start.**

NOTE: `Auto` sets the machine to calculate the reduction ratio that best fits the size of paper.

NOTE: `Auto` is only available when using the ADF.

Adjust the Copy Contrast

If your document is very light or very dark, changing the contrast may improve the quality of the copy.

1. **Load your document.**

2. Do one of the following:
   - Dell E515dn/Dell E515dw

     Press **(Copy)**.

     Use the dial pad to enter the number of copies you want.
   - Dell E514dw

     Press ▲ or ▼ to enter the number of copies you want.
3. Press **Options**.
4. Press ▲ or ▼ to select `Contrast`, and then press **OK**.
5. Press ◀ or ▶ (▲ or ▼ for some models) to select a level of contrast, and then press **OK**.
6. Press **Start**.

Adjust the Copy Density (Brightness)

Adjust the copy density to make copies darker or lighter.

1. Load your document.
2. Do one of the following:
   - Dell E515dn/Dell E515dw

     Press **(Copy)**.

     Use the dial pad to enter the number of copies you want.
   - Dell E514dw

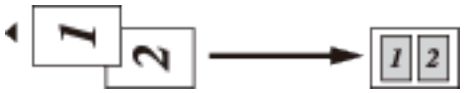
     Press ▲ or ▼ to enter the number of copies you want.
3. Press **Options**.
4. Press ▲ or ▼ to select `Brightness`, and then press **OK**.
5. Press ◀ or ▶ (▲ or ▼ for some models) to select a level of brightness from Light to Dark, and then press **OK**.
6. Press **Start**.

Make N in 1 Copies Using the Page Layout Feature

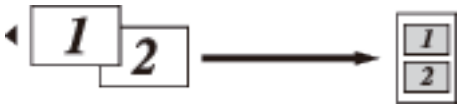
The N in 1 copy feature saves paper by copying two or four pages of your document onto one page of the copy.

If you are copying from the ADF, insert the documents face up in the direction as shown below:

- 2 in 1 (P)



- 2 in 1 (L)



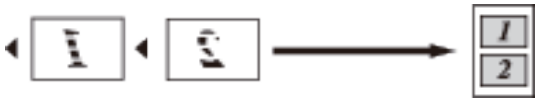
- 4 in 1 (P)

- 4 in 1 (L)

If you are copying from the scanner glass, place the document face down in the direction as shown below:

- 2 in 1 (P)

- 2 in 1 (L)



- 4 in 1 (P)

- 4 in 1 (L)

1. Load your document.
2. Do one of the following:
   - Dell E515dn/Dell E515dw

     Press **(Copy)**.

     Use the dial pad to enter the number of copies you want.
   - Dell E514dw

     Press ▲ or ▼ to enter the number of copies you want.
3. Press **Options**.
4. Press ▲ or ▼ to select `Page Layout`, and then press **OK**.
5. Press ▲ or ▼ to select `Off(1 in 1)`, `2 in 1 (P)`, `2 in 1 (L)`, `4 in 1 (P)` or `4 in 1 (L)`, and then press **OK**.
6. Press **Start**.

   If you placed the document in the ADF, the machine scans the pages and starts printing.

   If you are using the scanner glass, go to the next step.
7. Repeat the following steps for each page of the layout:
   - Dell E515dn/Dell E515dw
     a. After the machine scans the page, press **1** to scan the next page.
     b. Place the next page on the scanner glass, and then press **OK** to scan the page.
   - Dell E514dw
     a. After the machine scans the page, press ▲ to select the `Yes` option.
     b. Place the next page on the scanner glass, and then press **OK** to scan the page.
8. After scanning all the pages, do one of the following:
   - Dell E515dn/Dell E515dw

     Press **2** to select the `No` option.
   - Dell E514dw

     Press ▼ to select the `No` option.

Sort Copies

Sort multiple copies. Pages will be stacked in the order they are fed, that is: 1, 2, 3, and so on.

1. Load your document.

2. Do one of the following:
   - Dell E515dn/Dell E515dw

     Press **(Copy)**.

     Use the dial pad to enter the number of copies you want.
   - Dell E514dw

     Press ▲ or ▼ to enter the number of copies you want.
3. Press **Options**.
4. Press ▲ or ▼ to select `Stack/Sort`, and then press **OK**.
5. Press ▲ or ▼ to select `Sort`, and then press **OK**.
6. Press **Start**.

   If you placed the document in the ADF, the machine scans the pages and starts printing.

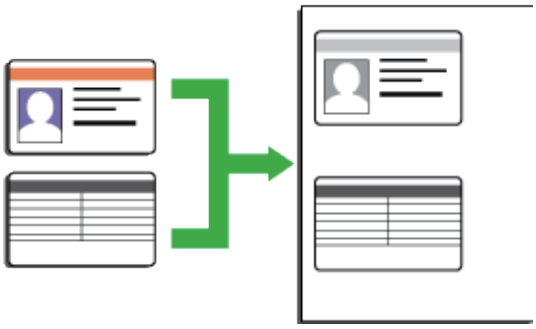
   If you are using the scanner glass, go to the next step.
7. Repeat the following steps for each page:
   - Dell E515dn/Dell E515dw
     a. After the machine scans the page, press **1** to scan the next page.
     b. Place the next page on the scanner glass, and then press **OK** to scan the page.
   - Dell E514dw
     a. After the machine scans the page, press ▲ to select the `Yes` option.
     b. Place the next page on the scanner glass, and then press **OK** to scan the page.
8. After scanning all the pages, do one of the following:
   - Dell E515dn/Dell E515dw

     Press **2** to select the `No` option.
   - Dell E514dw

     Press ▼ to select the `No` option.

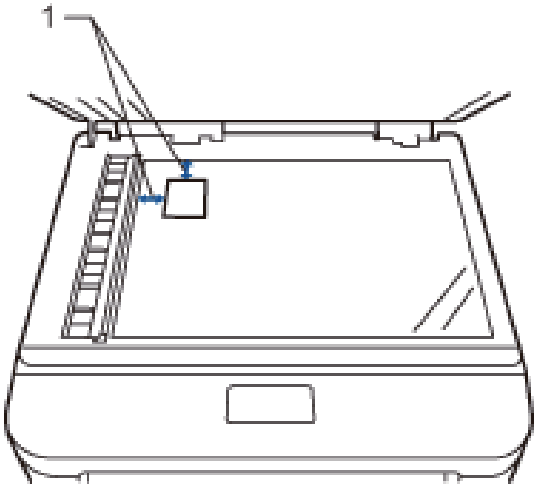
Copy Both Sides of an ID Card onto One Page

Use the ID Copy feature to copy both sides of an identification card onto one page, keeping the original card size.



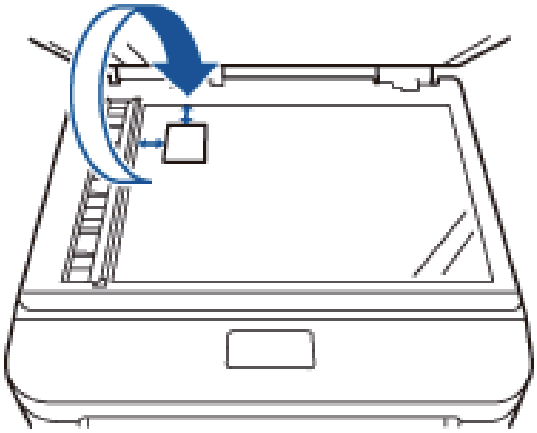
Copy an identification card only to the extent permitted under applicable laws. For more information, see the *Safety Guide*.

1. Press **(Copy)**.
2. Place an identification card *face down* near the upper left corner of the scanner glass.



1 0.16 in. (4.0 mm) or greater (top, left)

3. Press **ID Copy**.
4. Do one of the following:
   - Dell E515dn/Dell E515dw
     Use the dial pad to enter the number of copies you want.
   - Dell E514dw
     Press ▲ or ▼ to enter the number of copies you want.
5. Press **Start**.
   The machine scans one side of the identification card.
6. After the machine has scanned the first side, turn over the identification card.



7. Press **Start** to scan the other side.

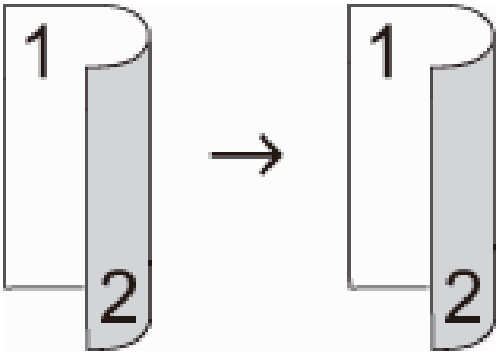
Copy on Both Sides of the Paper (2-sided Copy)

Reduce the amount of paper you use by copying onto both sides of the paper.

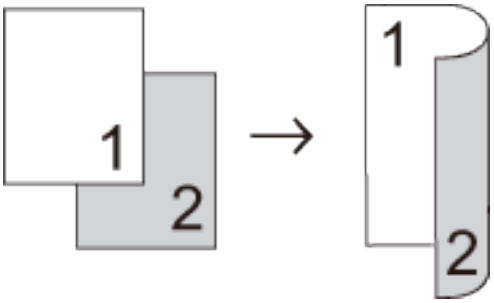
- You must choose a 2-sided copy layout from the following options before you can start 2-sided copying.
- The layout of your original document determines which 2-sided copy layout you should choose.
- To use the automatic 2-sided copy feature, you must load your document in the ADF.
- To use the manual 2-sided copy feature, place your document on the scanner glass.

Portrait

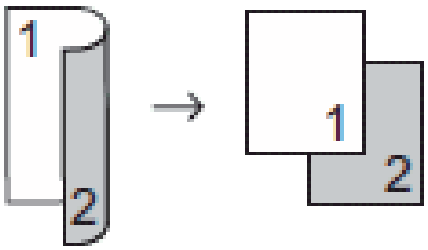
2–sided > 2–sided



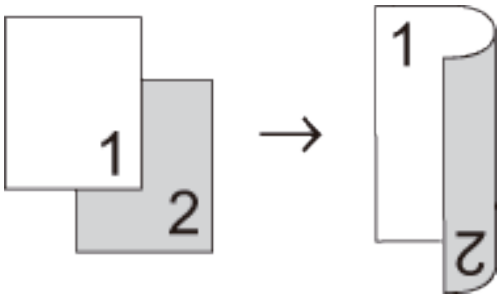
1–sided > 2–sided Long Edge Flip



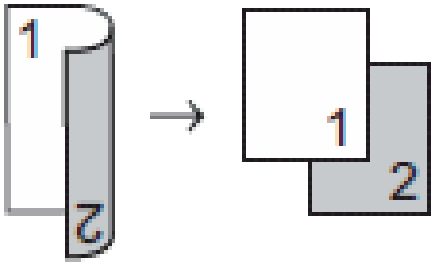
2–sided > 1–sided Long Edge Flip



1–sided > 2–sided Short Edge Flip

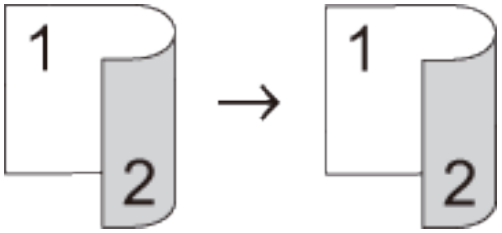


2–sided > 1–sided Short Edge Flip

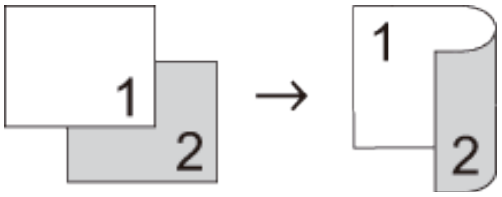


Landscape

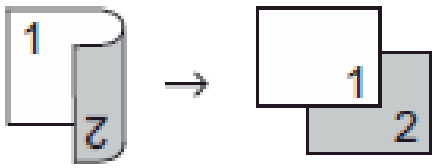
2–sided > 2–sided



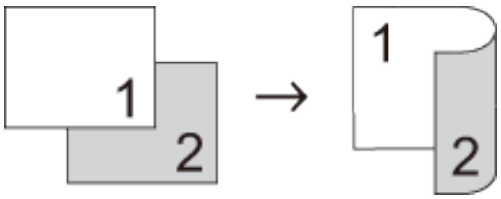
1–sided > 2–sided Long Edge Flip



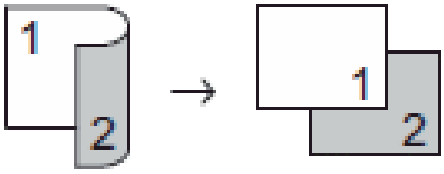
2–sided > 1–sided Long Edge Flip



1–sided > 2–sided Short Edge Flip



2–sided > 1–sided Short Edge Flip



1. Load your document.
2. Do one of the following:
   - Dell E515dn/Dell E515dw

     Press **(Copy)**.

     Use the dial pad to enter the number of copies you want.
   - Dell E514dw

     Press ▲ or ▼ to enter the number of copies you want.
3. Do one of the following:
   - Press **2-sided**.
   - Press **Options**.
   - Press ▲ or ▼ to select `2-sided`, and then press **OK**.
4. Press ▲ or ▼ to select `1sidedg2sided L`, `1sidedg2sided S`, or `Off`, and then press **OK**.
5. Press **Start**.

   If you placed the document in the ADF, the machine scans the pages and starts printing.

   If you are using the scanner glass, go to the next step.
6. Repeat the following steps for each page of the layout:
   - Dell E515dn/Dell E515dw

     a. After the machine scans the page, press **1** to scan the next page.

b. **Place the next page on the scanner glass, and then press OK to scan the page.**

- Dell E514dw

a. **After the machine scans the page, press ▲ to select the** `Yes` **option.**

b. **Place the next page on the scanner glass, and then press OK to scan the page.**

7. **After scanning all the pages, do one of the following:**

- Dell E515dn/Dell E515dw

  Press **2** to select the `No` option.

- Dell E514dw

  Press ▼ to select the `No` option.

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Send a Fax 135
Receive a Fax. 145
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Telephone Services and External Devices. 167
Fax Reports 175
PC-FAX 176

6

Fax

- Send a Fax
- Receive a Fax
- Dial and Store Fax Numbers
- Telephone Services and External Devices
- Fax Reports
  The Transmission Verification Report and the Fax Journal are available to confirm the results of fax transmission.
- PC-FAX

Send a Fax

- Send a Fax
- Select or Change Settings for Sending a Fax
  Before you send a fax, you can change any combination of settings.
- Change the Fax Resolution
  The fax quality can often be improved by changing the Fax Resolution.
- Change the Fax Contrast
  If your document is very light or very dark, changing the contrast may improve the fax quality.
- Send a Fax Manually
  Manual fax transmission lets you hear the dialing, ringing and fax-receiving tones while sending a fax.
- Set Glass Scan Size for Faxing
  When faxing A4 size documents, you must set the scan glass size to A4; otherwise, a portion of your faxes will be missing.
- Send a Fax at the End of a Conversation
  At the end of a conversation, you can send a fax to the other party before you both hang up.
- Use Dual Access to Dial, Scan, Send, and Receive Faxes Simultaneously
  Dial a number and scan the fax into memory - even while the machine is sending from memory, receiving faxes, or printing from a computer.
- Send the Same Fax to More than One Recipient (Broadcasting)
  Use the Broadcasting feature to send the same fax to multiple fax numbers at the same time.
- Send a Fax in Real Time
  When sending a fax, the machine scans the document into the memory before sending it. As soon as the telephone line is free, the machine starts dialing and sending. If you want to send an important document immediately without waiting for the machine to retrieve the scan from its memory, transmit the fax quickly by turning on `Real Time TX`.
- Send a Fax Overseas
  If you are having difficulty sending a fax overseas due to a bad connection, then turning on Overseas Mode may help.
- Send a Fax at a Specified Time (Delayed Fax)
  You can store up to 50 faxes in the machine's memory to be sent within the next twenty-four hour period.
- Add a Cover Page to Your Fax

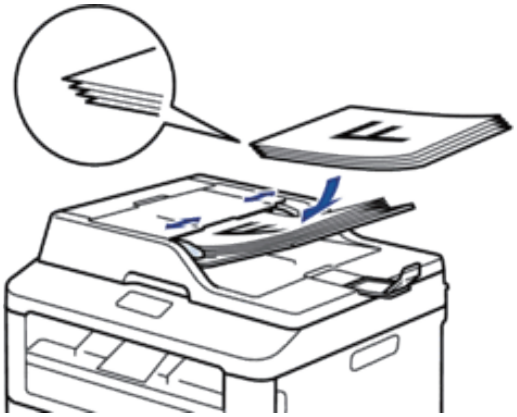
You can add a cover page to the next fax or every outgoing fax.

- Turn Off the Destination Information Display
  When you send a fax, the machine displays the destination fax number (or the recipient's name if the name is stored in the machine's memory).
- Cancel a Fax in Progress
- Check and Cancel Pending Fax
  You can cancel a fax job before it is sent. You can cancel a fax job that is stored and waiting in the memory.

Send a Fax

Related Models:Dell E515dn / Dell E515dw

1. Press **(Fax).**
2. **Do one of the following:**
   - Place the document *face up* in the ADF.
     (If you are faxing multiple pages, we recommend using the ADF.)



   - Place the document *face down* on the scanner glass.

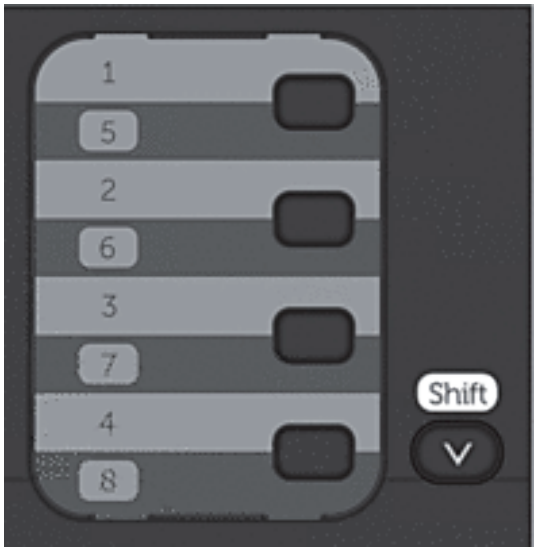
3. Enter the fax number.

   • **Using the dial pad**

   Enter the fax number using the dial pad.

   • **Using the One Touch Buttons**

   Choose a contact stored on a One Touch button.



   • **Using the Speed Dial Codes**

   Enter the fax number by pressing ▲ twice, and then enter the three-digit Speed Dial code.

4. Press **Start**.

The machine scans and sends the document.

If you placed the document on the scanner glass, follow the instructions in the table:

Option	Description
Yes	To scan the next page, press **1** to select the Yes option, and then place the next page on the scanner glass. Press **OK** to scan the page.

No(Send)	When you have scanned the last page, press **2** to select the No(Send) option (or press **Start** again). The machine sends the document.

- To stop faxing, press **Cancel**.

Select or Change Settings for Sending a Fax

Related Models:Dell E515dn / Dell E515dw

Before you send a fax, you can change any combination of settings.

Most settings are temporary and the machine returns to its default settings after you send a fax.

1. Press **(Fax)**.
2. Load your document.
3. Press **Menu**.
4. Press ▲ or ▼ to display the Fax option, and then press **OK**.
5. Press ▲ or ▼ to display the Setup Send option, and then press **OK**.
6. Press ▲ or ▼ to display a setting you want, and then press **OK**.
7. Press ▲ or ▼ to display a option you want, and then press **OK**.
8. After the setting is accepted, the machine asks if you want to change more settings.

Option	Description
1	The LCD returns to the Setup Send menu so you can select another setting.
2	When finished, press **2** to proceed to entering the fax number.

9. Enter the fax number.
10. Press **Start**.

Change the Fax Resolution

Related Models:Dell E515dn / Dell E515dw

The fax quality can often be improved by changing the Fax Resolution.

1. Press **(Fax)**.
2. Load your document.
3. Press ▼ (or **Resolution** for certain models) to change the resolution.
4. Press ▲ or ▼ to display the Standard, Fine, S.Fine, or Photo option, and then press **OK**.

Resolution	Description
Standard	Suitable for most typed documents.
Fine	Good for small print and transmits a little slower than Standard resolution.

S.Fine	Good for small print or artwork and transmits slower than Fine resolution.
Photo	Use when the document has varying shades of gray or is a photograph. This has the slowest transmission time.

5. Enter the fax number.
6. Press **Start**.

Change the Fax Contrast

Related Models:Dell E515dn / Dell E515dw

If your document is very light or very dark, changing the contrast may improve the fax quality.

1. Press **(Fax)**.
2. Load your document.
3. Press **Menu**.
4. Press ▲ or ▼ to display the Fax option, and then press **OK**.
5. Press ▲ or ▼ to display the Setup Send option, and then press **OK**.
6. Press ▲ or ▼ to display the Contrast option, and then press **OK**.
7. Press ▲ or ▼ to display the Auto, Light, or Dark option, and then press **OK**.

Option	Description
Auto	For most documents the default setting of Auto will give the best results. Auto automatically chooses the appropriate contrast for your document.
Light	Select Light to make the faxed document darker.
Dark	Select Dark to make the faxed document lighter.

NOTE: Even if you choose Light or Dark, the machine will send the fax using the Auto setting if you choose Photo as the Fax Resolution.

8. When finished, press **2**.
9. Enter the fax number.
10. Press **Start**.

Send a Fax Manually

Related Models:Dell E515dn / Dell E515dw

Manual fax transmission lets you hear the dialing, ringing and fax-receiving tones while sending a fax.

1. Press **(Fax)**.
2. Load your document.
3. Press **Hook** and listen for a dial tone.
4. Dial the fax number you want to call.
5. When you hear the fax tone, press **Start**.

- If you are using the scanner glass, press **1**.

Set Glass Scan Size for Faxing

Related Models:Dell E515dn / Dell E515dw

When faxing A4 size documents, you must set the scan glass size to A4; otherwise, a portion of your faxes will be missing.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Glass ScanSize` option, and then press **OK**.
4. Press ▲ or ▼ to display the `A4` option, and then press **OK**.
5. Press **Cancel**.

Send a Fax at the End of a Conversation

Related Models:Dell E515dn / Dell E515dw

At the end of a conversation, you can send a fax to the other party before you both hang up.

1. Ask the other party to wait for fax tones (beeps) and then to press the Start or Send button before hanging up.
2. Load your document.
3. Press **Start**.
   - If you are using the scanner glass, press **1**.
4. Replace the handset of the external telephone.

Use Dual Access to Dial, Scan, Send, and Receive Faxes Simultaneously

Related Models:Dell E515dn / Dell E515dw

Dial a number and scan the fax into memory - even while the machine is sending from memory, receiving faxes, or printing from a computer.

The LCD shows the new job number.

The number of pages you can scan into the machine's memory varies depending on the type of data.

NOTE: If an `Out of Memory` message appears while scanning the document, press the button shown in the table to send the scanned pages, or to cancel the operation.

Applicable Models	To send scanned page	To cancel the operation
Dell E515dn/Dell E515dw	**Start**	**Cancel**

Send the Same Fax to More than One Recipient (Broadcasting)

Related Models:Dell E515dn / Dell E515dw

Use the Broadcasting feature to send the same fax to multiple fax numbers at the same time.

- The same broadcast can include Groups, Address Book numbers (One Touch Dial numbers and Speed Dial numbers in some models) and up to 50 manually dialed numbers.

- Dell E515dn/Dell E515dw
  If you did not use any of the One Touch Dial numbers and the Speed Dial numbers for Groups, you can broadcast faxes to as many as 258 different numbers.
- Address Book numbers (One Touch Dial numbers and Speed Dial numbers in some models) must be stored in the machine's memory before they can be used in a broadcast.
- Group numbers must also be stored in the machine's memory before they can be used in a broadcast. Group numbers include many stored Address Book numbers (One Touch Dial numbers and Speed Dial numbers in some models) for easier dialing.

---

1. Press **(Fax)**.
2. **Load your document.**
3. **Enter a number, and press OK.**
   You can use One Touch Dial, Speed Dial, Group numbers and numbers manually entered using the dial pad. Repeat this step to enter the all the numbers you want to broadcast to.
4. Press **Start**.

Cancel a Broadcast in Progress

Related Models:Dell E515dn / Dell E515dw

While broadcasting you can cancel the fax currently being sent or the whole broadcast job.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Remaining Jobs` option, and then press **OK**.
   The LCD will display the Broadcast job number followed by the fax number being dialed (for example, `#001123456789`) and the broadcast job number (for example, `Broadcast#001`).
4. Press ▲ or ▼ to display the fax number being dialed or the broadcast job number, and then press **OK**.
5. Press the option shown in the table to cancel or exit the cancel process.

Option	Description
1	The machine cancels the fax currently being sent.
2	The machine exits from the cancel process without canceling.

   If you canceled the fax currently being sent, the LCD will ask you if you want to cancel the broadcast job.
6. Press the option shown in the table to cancel the broadcast job or exit the cancel process.

Option	Description
1	The machine cancels the broadcast job.
2	The machine exits from the cancel process without canceling.

7. Press **Cancel**.

Send a Fax in Real Time

Related Models:Dell E515dn / Dell E515dw

When sending a fax, the machine scans the document into the memory before sending it. As soon as the telephone line is free, the machine starts dialing and sending. If you want to send an important document immediately without waiting for the machine to retrieve the scan from its memory, transmit the fax quickly by turning on `Real Time TX`.

- If the memory is full and you are sending a fax from the ADF, the machine sends the document in real time (even if `Real Time TX` is set to `Off`). If the memory is full, faxes from the scanner glass cannot be sent until you clear some of the memory.
- In Real Time Transmission, the automatic redial feature does not work when using the scanner glass.

---

1. Press **(Fax)**.
2. Load your document.
3. Press **Menu**.
4. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Setup Send` option, and then press **OK**.
6. Press ▲ or ▼ to display the `Real Time TX` option, and then press **OK**.
7. Press ▲ or ▼ to display the `On` option, and then press **OK**.
8. When finished, press **2**.
9. Enter the fax number.
10. Press **Start**.

Send a Fax Overseas

Related Models:Dell E515dn / Dell E515dw

If you are having difficulty sending a fax overseas due to a bad connection, then turning on Overseas Mode may help.

1. Press **(Fax)**.
2. Load your document.
3. Press **Menu**.
4. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Setup Send` option, and then press **OK**.
6. Press ▲ or ▼ to display the `Overseas Mode` option, and then press **OK**.
7. Press ▲ or ▼ to display the `Next Fax:On`, `On`, or `Off` option, and then press **OK**.

Option	Description
`Next Fax:On`	The Overseas Mode will only be active for your next fax.
`On`	The Overseas Mode will be active.
`Off`	The Overseas Mode will be inactive.

8. Press **OK**.

9. When finished, press **2**.
10. Enter the fax number.
11. Press **Start**.

Send a Fax at a Specified Time (Delayed Fax)

Related Models:Dell E515dn / Dell E515dw

You can store up to 50 faxes in the machine's memory to be sent within the next twenty-four hour period.

1. Press **(Fax)**.
2. Load your document.
3. Press **Menu**.
4. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Setup Send` option, and then press **OK**.
6. Press ▲ or ▼ to display the `Delayed Fax` option, and then press **OK**.
7. Enter the time you want the fax to be sent.
   - If you set `12h Clock` in the `Date&Time` setting, enter the time in 12-hour format, and then press **OK**. Press ▲ or ▼ to display the `AM` or `PM` option, and then press **OK**.
   - If you set `24h Clock` in the `Date&Time` setting, enter the time in 24-hour format, and then press **OK**. (For example, enter 19:45 for 7:45 PM.)
8. When finished, press **2**.
9. Enter the fax number.
10. Press **Start**.

NOTE: The number of pages you can scan into the memory depends on the amount of data printed on each page.

Add a Cover Page to Your Fax

Related Models:Dell E515dn / Dell E515dw

You can add a cover page to the next fax or every outgoing fax.

- This feature will not work unless you have programed your Station ID.
- Your cover page includes your Station ID, a comment, and the name stored in the Address Book, One Touch Dial, or Speed Dial.

---

1. Press **(Fax)**.
2. Load your document.
3. Press **Menu**.
4. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Setup Send` option, and then press **OK**.
6. Press ▲ or ▼ to display the `Coverpage` option, and then press **OK**.

7. Press ▲ or ▼ to display the `Setup` option, and then press **OK**.
8. Press ▲ or ▼ to display a option in the table, and then press **OK**.

Option	Description
`On`	Select this option to add a cover page to outgoing fax.
`Off`	Select this option if you do not want to add a cover page to outgoing faxes.

9. If you selected `On`, Press ▲ or ▼ to display comment options, and then press **OK**.
10. Enter the number of total pages using the dial pad, and then press **OK**.
11. When finished, press **2**.
12. Enter the fax number.
13. Press **Start**.

Compose Your Own Comments

Related Models:Dell E515dn / Dell E515dw

You can set up two comments of your own.

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Send` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Coverpage` option, and then press **OK**.
6. Press ▲ or ▼ to display the `Message` option, and then press **OK**.
7. Press ▲ or ▼ to display the `5` or `6` option to store your own comment, and then press **OK**.
8. Enter your own comment using the dial pad, and then press **OK**.
9. Press **Cancel**.

Turn Off the Destination Information Display

Related Models:Dell E515dn / Dell E515dw

When you send a fax, the machine displays the destination fax number (or the recipient's name if the name is stored in the machine's memory).

You can set the machine to hide the destination information on the LCD.

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Send` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Destination` option, and then press **OK**.
6. Press ▲ or ▼ to display the `Hidden` (or `Display`) option, and then press **OK**.
7. Press **Cancel**.

Cancel a Fax in Progress

Related Models:Dell E515dn / Dell E515dw

1. Press **Stop/Exit** while the machine is dialing or sending a fax.
2. Press a options in the table to cancel or continue the fax job in progress.

Option	Description
1	The machine cancels sending the fax job.
2	The machine exits from the process without canceling the fax job.

Check and Cancel Pending Fax

Related Models:Dell E515dn / Dell E515dw

You can cancel a fax job before it is sent. You can cancel a fax job that is stored and waiting in the memory.

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Remaining Jobs` option, and then press **OK**.
   The LCD displays the number of jobs waiting in the memory to be sent.
5. Press ▲ or ▼ to display the job you want to cancel, and then press **OK**.
6. Press the options in the following table to cancel or exit the cancel process.

Option	Description
1	The machine cancels the job.
2	The machine exits from the cancel process without canceling.

7. Press **Cancel**.

Receive a Fax

- Receive Mode Settings
- Additional Receiving Operations
- Memory Receive (Remote Fax) Options
  Use Memory Receive (Remote Fax) options to direct incoming faxes while you are away from the machine. You can use only one Memory Receive option at a time.
- Remote Retrieval
  Use Remote Retrieval to call your machine from any touch-tone telephone or fax machine and use a remote access code and remote commands to retrieve fax messages.
- Receive Faxes into Memory When the Paper Tray is Empty

Receive Mode Settings

- Receive Modes

- Choose the Correct Receive Mode
  The correct Receive Mode for you is determined by the external devices and telephone subscriber services (Voice Mail, Distinctive Ring and so on) you will be using on the same line as the Dell machine.
- Set the Number of Rings Before the Machine Answers (Ring Delay)
  When somebody calls your machine, you will hear the normal telephone ring sound. The number of rings is set in the Ring Delay option.
- Set the F/T Ring Time (Pseudo/Double-ring)
  When you set the Receive Mode to Fax/Tel Mode, if the call is a fax, your machine will automatically receive it. However, if it is a voice call, the machine will sound the F/T ring (pseudo/double-ring) for the time you set in the F/T Ring Time option. When you hear the F/T ring, it means that a voice caller is on the line.
- Set the Easy Receive

Receive Modes

Related Models:Dell E515dn / Dell E515dw

Some receive modes answer automatically (Fax Only Mode and Fax/Tel Mode). You may want to change the Ring Delay before using these modes.

Fax Only Mode

(`Fax` or `Fax only` in the Machine's Menu)

Fax Only Mode automatically answers every call as a fax.

Fax/Tel Mode

(`Fax/Tel` in the Machine's Menu)

Fax/Tel Mode helps you manage incoming calls, by recognizing whether they are fax or voice calls and handling them in one of the following ways:

- Faxes will be received automatically.
- Voice calls will start the F/T ring to tell you to pick up the call. The F/T ring is a fast pseudo/double-ring made by your machine.

Manual Mode

(`Manual` in the Machine's Menu)

Manual Mode turns off all automatic answering operations unless you are using the Distinctive Ring Receive feature.

To receive a fax in Manual Mode, lift the handset of the external telephone or press **Hook**.

When you hear fax tones (short repeating beeps), press the buttons in the table to receive a fax. Use the Easy Receive feature to receive faxes when you have lifted a handset on the same line as the machine.

Applicable Models	To receive the fax
Dell E515dn/Dell E515dw	**Start** and then **2**

External TAD Mode

(`External TAD` in the Machine's Menu)

External TAD Mode lets an external answering device manage your incoming calls.

Incoming calls will be handled in the following ways:

- Faxes will be received automatically.
- Voice callers can record a message on the external TAD.

Choose the Correct Receive Mode

Related Models:Dell E515dn / Dell E515dw

The correct Receive Mode for you is determined by the external devices and telephone subscriber services (Voice Mail, Distinctive Ring and so on) you will be using on the same line as the Dell machine.

Will you be using a Distinctive Ring number for receiving faxes?

Dell uses the term "Distinctive Ring" but different telephone companies may have other names for this service such as Custom Ringing, RingMaster, Personalized Ring, Teen Ring, Ident-A-Ring, Ident-A-Call, Data Ident-A-Call, Smart Ring and SimpleBiz Fax & Alternate Number Ringing.

Will you be using Voice Mail on the same telephone line as your Dell machine?

If you have Voice Mail on the same telephone line as your Dell machine, there is a strong possibility that Voice Mail and the Dell machine will conflict with each other when receiving incoming calls.

Will you be using a Telephone Answering Device on the same telephone line as your Dell machine?

Your external telephone answering device (TAD) will answer every call automatically. Voice messages are stored on the external TAD and fax messages are printed. Select External TAD Mode as your receive mode.

Will you be using your Dell machine on a dedicated fax line?

Your machine automatically answers every call as a fax. Select Fax Only Mode as your receive mode.

Will you be using your Dell machine on the same line as your telephone?

- **Do you want to receive voice calls and faxes automatically?**

  The Fax/Tel Mode is used when sharing the Dell machine and your telephone on the same line. Select Fax/Tel Mode as your receive mode.

  Important Note: You cannot receive voice messages on either Voice Mail or an answering machine if you selected the Fax/Tel Mode.
- **Do you expect to receive very few faxes?**

  Choose Manual Mode as your receive mode. You control the telephone line and must answer every call yourself.

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Receive` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Receive Mode` option, and then press **OK**.

   NOTE: If you cannot change the `Receive Mode` option, make sure the Distinctive Ring feature is set to `Off`.
6. Press ▲ or ▼ to select the `Fax only`, `Fax/Tel`, `External TAD`, or `Manual` option, and then press **OK**.
7. Press **Cancel**.

Set the Number of Rings Before the Machine Answers (Ring Delay)

Related Models:Dell E515dn / Dell E515dw

When somebody calls your machine, you will hear the normal telephone ring sound. The number of rings is set in the Ring Delay option.

- The Ring Delay setting sets the number of times the machine rings before it answers in the Fax Only Mode and the Fax/Tel Mode.
- If you have external or extension telephones on the same line as the machine, keep the Ring Delay setting of 4.

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Receive` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Ring Delay` option, and then press **OK**.
6. Press ▲ or ▼ to select the number of rings you want the line to ring before the machine answers, and then press **OK**.
7. Press **Cancel**.

   NOTE: If you select `00`, the machine will answer immediately and the line will not ring at all (available only for some countries).

Set the F/T Ring Time (Pseudo/Double-ring)

Related Models:Dell E515dn / Dell E515dw
When you set the Receive Mode to Fax/Tel Mode, if the call is a fax, your machine will automatically receive it. However, if it is a voice call, the machine will sound the F/T ring (pseudo/double-ring) for the time you set in the F/T Ring Time option. When you hear the F/T ring, it means that a voice caller is on the line.

The F/T Ring Time feature works when you set Fax/Tel Mode as the Receive Mode.

Because the F/T ring is made by the machine, extension and external telephones will not ring; however, you can still answer the call on any telephone.

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Receive` option, and then press **OK**.
5. Press ▲ or ▼ to display the `F/T Ring Time` option, and then press **OK**.
6. Press ▲ or ▼ to display how long the machine will ring to alert you that you have a voice call, and then press **OK**.
7. Press **Cancel**.

   NOTE: Even if the caller hangs up during the pseudo/double-ringing, the machine will continue to ring for the set time.

Set the Easy Receive

Related Models:Dell E515dn / Dell E515dw

If Easy Receive is On:

The machine can receive a fax automatically, even if you answer the call. When you see `Receiving` on the LCD or hear a click on the phone line through the handset you are using, just replace the handset. Your machine will do the rest.

If Easy Receive is Off:

If you are at the machine and answer a fax call first by lifting the external handset, press the buttons in the following table to receive the fax. If you answered at an extension telephone, press ***51**.

Applicable Models	To receive the fax
Dell E515dn/Dell E515dw	**Start** and then **2**

NOTE: If this feature is set to `On`, but your machine does not connect a fax call when you lift an extension or external telephone handset, press the fax receive code ***51.**

NOTE: If you send faxes from a computer on the same telephone line and the machine intercepts them, set Easy Receive to `Off`.

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Receive` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Easy Receive` option, and then press **OK**.
6. Press ▲ or ▼ to display the `On` (or `Off`) option, and then press **OK**.
7. Press **Cancel**.

Additional Receiving Operations

- Shrink Page Size of an Oversized Incoming Fax
- Set the 2-sided Printing for Received Faxes
  Your machine prints received faxes on both sides of the paper when `2-sided` is set to `On`.
- Set the Fax Receive Stamp
  You can set the machine to print the received date and time at the top center of each received fax page.
- Receive a Fax at the End of a Telephone Conversation
  If you are speaking on the telephone connected to your Dell machine and the other party is also speaking on a telephone connected to his fax machine, at the end of the conversation, the other party can send you a fax before you both hang up.
- Avoid Incoming Fax from Specific Numbers

Shrink Page Size of an Oversized Incoming Fax

Related Models:Dell E515dn / Dell E515dw

If you enable the auto reduction function, the machine reduces each page of an incoming fax to fit on your paper. The machine calculates the reduction ratio by using the page size of the fax and your Paper Size setting.

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Receive` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Auto Reduction` option, and then press **OK**.
6. Press ▲ or ▼ to display the `On` (or `Off`) option, and then press **OK**.
7. Press **Cancel**.

Set the 2-sided Printing for Received Faxes

Related Models:Dell E515dn / Dell E515dw

Your machine prints received faxes on both sides of the paper when `2-sided` is set to `On`.

- Use Letter, Legal or Folio (8.5 in. × 13 in.) sized paper for this function [16 to 28 lb (60 to 105 g/m^2)].
- When 2-sided printing is enabled, incoming faxes are automatically reduced to fit the paper in the paper tray.

---

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Receive` option, and then press **OK**.
5. Press ▲ or ▼ to display the `2-sided` option, and then press **OK**.
6. Press ▲ or ▼ to display the `On` (or `Off`) option, and then press **OK**.
7. Press **Cancel**.

Set the Fax Receive Stamp

Related Models:Dell E515dn / Dell E515dw

You can set the machine to print the received date and time at the top center of each received fax page.

- Make sure you have set the current date and time on the machine.
- If you downloaded Internet Fax:
  The received time and date will not appear when using Internet Fax.

---

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.

4. Press ▲ or ▼ to display the `Setup Receive` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Fax Rx Stamp` option, and then press **OK**.
6. Press ▲ or ▼ to display the `On` (or `Off`) option, and then press **OK**.
7. Press **Cancel**.

Receive a Fax at the End of a Telephone Conversation

Related Models:Dell E515dn / Dell E515dw

If you are speaking on the telephone connected to your Dell machine and the other party is also speaking on a telephone connected to his fax machine, at the end of the conversation, the other party can send you a fax before you both hang up.

Your machine's ADF must be empty.

---

1. Ask the other party to place the document in their machine and to press the Start or Send button.
2. When you hear the CNG tones (slowly repeating beeps), press **Start**.
3. Press **2** to receive a fax.
4. Replace the external handset.

Avoid Incoming Fax from Specific Numbers

- Register a Number in the Blocked List
  If you do not want to receive faxes or calls from specific numbers, register the numbers to the blocked list. The machine can register up to 100 fax or telephone numbers from the caller ID memory.
- Delete a Number from the Blocked List
- Print the Blocked List

Register a Number in the Blocked List

Related Models:Dell E515dn / Dell E515dw

If you do not want to receive faxes or calls from specific numbers, register the numbers to the blocked list. The machine can register up to 100 fax or telephone numbers from the caller ID memory.

- You must apply for the Caller ID service at your local telephone company.
- The number you want to register must be stored in the caller ID memory.

The Caller ID feature is not available in some countries.

---

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Anti-Junk Fax` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Register` option, and then press **OK**.

The machine displays the numbers in the caller ID memory.

6. Press ▲ or ▼ to display the number you want, and then press **OK**.
7. Press **1** to register the number.

   NOTE: To go back without registering the number, press **2**.
8. Press **Cancel**.

Delete a Number from the Blocked List

Related Models:Dell E515dn / Dell E515dw

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Anti-Junk Fax` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Delete` option, and then press **OK**.
   The machine displays the numbers in the blocked list.
6. Press ▲ or ▼ to display the number you want to delete.
7. Press **1** to delete the number.

   NOTE: To go back without deleting the number, press **2**.
8. Press **Cancel**.

Print the Blocked List

Related Models:Dell E515dn / Dell E515dw

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Anti-Junk Fax` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Print Report` option, and then press **OK**.
6. Press **Start**.
7. Press **Cancel**.

Memory Receive (Remote Fax) Options

Related Models:Dell E515dn / Dell E515dw

Use Memory Receive (Remote Fax) options to direct incoming faxes while you are away from the machine. You can use only one Memory Receive option at a time.

Memory Receive (Remote Fax) can be set to:

- Fax Forwarding
- Fax Storage
- Off

Forward Incoming Faxes to Another Machine

Related Models:Dell E515dn / Dell E515dw

Use the Fax Forwarding feature to automatically forward your incoming faxes to another machine.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Remote Fax Opt` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Forward/Store` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Fax Forward` option, and then press **OK**.
   The LCD will ask you to enter the fax number you want your faxes to be forwarded to.
6. Enter the forwarding number using the dial pad (up to 20 digits), a One Touch button, or ▲ and the three-digit code, and then press **OK**.

   NOTE: You can enter an email address if your machine has been configured for the Internet Fax feature.

   NOTE: If you stored a Group on a One Touch key or in a Speed Dial code, the faxes will be forwarded to multiple fax numbers.
7. Press ▲ or ▼ to select on or off for the Backup Print setting.
8. Press **Cancel**.

Store Incoming Faxes in the Machine's Memory

Related Models:Dell E515dn / Dell E515dw

Use the Fax Storage feature to store incoming faxes in the machine's memory. Retrieve your stored fax messages from a fax machine at another location using the Remote Retrieval commands.Your machine will print a backup copy of each stored fax.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Remote Fax Opt` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Forward/Store` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Fax Storage` option, and then press **OK**.
6. Press **Cancel**.

Change Memory Receive (Remote Fax) Options

Related Models:Dell E515dn / Dell E515dw

If there are faxes in your machine's memory when you change any Memory Receive option, the LCD displays you one of the following questions:

If received faxes have already been printed, the LCD displays `Erase All Fax?`

- Do one of the following:
  - If you press **1**, faxes in the memory will be erased before the setting changes.
  - If you press **2**, faxes in the memory will not be erased and the setting will be unchanged.

If unprinted faxes are in the memory, the LCD displays `Print All Fax?`

- Do one of the following:
  - If you press **1**, faxes in the memory will be printed before the setting changes. If a backup copy has already been printed, it will not be printed again.
  - If you press **2**, faxes in the memory will not be printed and the setting will be unchanged.

Turn off Memory Receive (Remote Fax) Options

Related Models:Dell E515dn / Dell E515dw

Turn off Memory Receive if you do not want the machine to save or transfer incoming faxes.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Remote Fax Opt` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Forward/Store` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Off` option, and then press **OK**.

   NOTE: The LCD displays options if there are received faxes still in your machine's memory.
6. Press **Cancel**.

Print a Fax Stored in the Machine's Memory

Related Models:Dell E515dn / Dell E515dw

If you select `Fax Storage`, you can still print a fax from the memory when you are at your machine.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Remote Fax Opt` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Print Fax` option, and then press **OK**.
5. Press **Start**.
6. Press **Cancel**.

Remote Retrieval

Use Remote Retrieval to call your machine from any touch-tone telephone or fax machine and use a remote access code and remote commands to retrieve fax messages.

- Set a Remote Access Code
  Set a Remote Access Code to access and control your Dell machine even when you are away from it.
- Use Your Remote Access Code
- Remote Retrieval Commands
- Forward Faxes Remotely
  Call your Dell machine from any touch-tone telephone or fax machine to forward incoming faxes to another machine.
- Change the Fax Forwarding Number

You can change your fax forwarding number from another touch-tone telephone or fax machine.

Set a Remote Access Code

Related Models:Dell E515dn / Dell E515dw

Set a Remote Access Code to access and control your Dell machine even when you are away from it.

Before you can use the remote access and retrieval features, you must set up your own code. The factory default code is the inactive code (---*).

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1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Remote Fax Opt` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Remote Access` option, and then press **OK**.
5. Enter a three-digit code using the numbers **0** to **9**, ***** or **#** using the dial pad, and then press **OK**.

   NOTE: To make your code inactive, press **Clear** to delete the three-digit code in this step. Then press **OK**.

   NOTE: You cannot change the preset *****.

   NOTE: DO NOT use the same code used for your Fax Receive Code (*51) or Telephone Answer Code (#51) .
6. Press **Cancel**.

Use Your Remote Access Code

Related Models:Dell E515dn / Dell E515dw

1. Dial your fax number from a telephone or another fax machine using touch tone.
2. When your machine answers, immediately enter your Remote Access Code (three digits followed by *).
3. The machine signals if it has received messages:
   - One long beep -- Fax messages
   - No beeps -- No messages
4. When the machine gives two short beeps, enter a command.
   - The machine will hang up if you wait longer than 30 seconds to enter a command.
   - The machine will beep three times if you enter an invalid command.
5. Press 9 0 to reset the machine when you are finished.
6. Hang up.
   - If your machine is set to Manual mode and you want to use the remote retrieval features, wait for about 100 seconds after it starts ringing, and then enter the remote access code within 30 seconds.
   - This function may not be available in some countries or supported by your local telephone company.

Remote Retrieval Commands

Related Models:Dell E515dn / Dell E515dw

Use the Remote Commands in this table to access fax commands and options when you are away from your Dell

machine. When you call the machine and enter your remote access code (three digits followed by *), the system will give two short beeps and you must enter a Remote Command (column 1), followed by one of the options (column 2) for that command.

Remote commands	Options	Operation details
95	**Change the Fax Forwarding, or Fax Storage settings**	
	1 OFF	You can select *Off* after you retrieve or erase all your messages.
	2 Fax Forwarding	One long beep means the change is accepted. If you hear three short beeps, you cannot make a change because something has not been set up (for example, a Fax Forwarding number has not been registered). You can register your Fax Forwarding number by entering 4. After you register the number, Fax Forwarding will work.
	4 Fax Forwarding number	
	6 Fax Storage	
96	**Retrieve a fax**	
	2 Retrieve all faxes	Enter the fax number of a remote fax machine to receive stored fax messages.
	3 Erase faxes from memory	If you hear one long beep, fax messages have been erased from memory.
97	**Check the receiving status**	
	1 Fax	Check whether your machine has received any faxes. If yes, you will hear one long beep. If not, you will hear three short beeps.
98	**Change the Receive Mode**	
	1 External TAD	One long beep means the change has been accepted.
	2 Fax/Tel	
	3 Fax Only	
90	**Exit**	Press **9 0** to stop remote retrieval. Wait for the long beep, then hang up.

Forward Faxes Remotely

Related Models:Dell E515dn / Dell E515dw

Call your Dell machine from any touch-tone telephone or fax machine to forward incoming faxes to another machine.

You must turn on Fax Storage to use this feature.

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1. **Dial your fax number.**
2. **When your machine answers, enter your Remote Access Code (three digits followed by *). If you hear one long beep, you have messages.**
3. **When you hear two short beeps, press 9 6 2.**
4. **Wait for the long beep, and then use the dial pad to enter the number of the remote fax machine where you**

want your fax messages sent, followed by # # (up to 20 digits).

NOTE: You cannot use * and # as dial numbers. However, press # if you want to create a pause.

5. Hang up after you hear your machine beep. Your machine will call the other fax machine which will then print your fax messages.

Change the Fax Forwarding Number

Related Models:Dell E515dn / Dell E515dw

You can change your fax forwarding number from another touch-tone telephone or fax machine.

1. Dial your fax number.
2. When your machine answers, enter your Remote Access Code (three digits followed by *). If you hear one long beep, you have messages.
3. When you hear two short beeps, press 9 5 4.
4. Wait for the long beep, enter the new number (up to 20 digits) of the remote fax machine you want your fax messages forwarded to using the dial pad, then enter # #.

   NOTE: You cannot use * and # as dial numbers. However, press # if you want to create a pause.
5. Press 9 0 to stop Remote Access when you have finished.
6. Hang up after you hear your machine beep.

Receive Faxes into Memory When the Paper Tray is Empty

Related Models:Dell E515dn / Dell E515dw

As soon as the paper tray becomes empty during fax reception, the machine begins receiving faxes into the machine's memory.

Incoming faxes will be stored until the machine's memory becomes full or until paper is loaded in the paper tray. When the memory is full, the machine will stop automatically answering calls. To print the faxes, load paper in the tray.

Dial and Store Fax Numbers

- How to Dial
- Voice Operations
- Additional Dialing Operations
- How to Store Numbers

How to Dial

- Dial Manually
- Dial a Number Using One Touch Dial
- Dial a Number Using Speed Dial
- Redial a Fax Number

  If you are sending a fax automatically and the line is busy, the machine will redial up to three times at five

minute intervals.

Dial Manually

Related Models:Dell E515dn / Dell E515dw

1. Press **(Fax)**.
2. Load your document.
3. Press all digits of the fax number.

4. Press **Start**.

Dial a Number Using One Touch Dial

Related Models:Dell E515dn / Dell E515dw

1. Press **(Fax)**.
2. Load your document.
3. Press the One Touch button assigned to the fax or telephone number you want to dial.

   NOTE: To dial One Touch numbers 1 to 4, press the One Touch button. To dial One Touch numbers 5 to 8, hold down **Shift** as you press the One Touch button.
4. Press **Start**.

Dial a Number Using Speed Dial

Related Models:Dell E515dn / Dell E515dw

1. Press **(Fax)**.
2. Load your document.
3. Do one of the following:
   - Press ▲ twice and enter the three-digit Speed Dial code.
   - Press ▲ .
     Press the dial pad buttons for the first few letters of the name, and then press **OK**.

Press ▲ or ▼ to scroll until you find the name you are looking for, and then press **OK**.

4. Press **Start**.

Redial a Fax Number

Related Models:Dell E515dn / Dell E515dw

If you are sending a fax automatically and the line is busy, the machine will redial up to three times at five minute intervals.

- Redial only works if you dialed from the machine.
- In real time transmission, the automatic redial feature does not work when you are using the scanner glass.

1. Load your document.
2. Press **(Fax)**.
3. Press **Redial/Pause**.

   NOTE: If you are sending a fax manually and the line is busy, press **Hook** before pressing **Redial/Pause** to wait for the other fax machine to answer.

4. Press **1** or **2** to select the call history list you use, if required.
5. Press ▲ or ▼ to select the number you want to dial, and then press **OK**.
6. Press **Start**.

Voice Operations

- Send Tone Signals
  If you have a Pulse dialing service, but must send Tone signals (for example, for telephone banking), follow these steps. If you have Touch Tone service, you will not need this feature to send tone signals.
- Pick up a Voice Call in Fax/Tel Receive Mode
- Special Line Considerations

Send Tone Signals

Related Models:Dell E515dn / Dell E515dw

If you have a Pulse dialing service, but must send Tone signals (for example, for telephone banking), follow these steps. If you have Touch Tone service, you will not need this feature to send tone signals.

1. Press **(Fax)**.
2. Press **Hook**.
3. Press **# on the machine's control panel.**
   Any digits dialed after this will send tone signals.

When you are finished with the call, the machine will return to the Pulse dialing service.

Pick up a Voice Call in Fax/Tel Receive Mode

Related Models:Dell E515dn / Dell E515dw

When the machine is in Fax/Tel mode, it will use the F/T Ring (pseudo/double-ring) to alert you to pick up a voice call.

If you are at the machine, lift the external telephone's handset, and then press the button in the following table to answer.

Applicable Models	To pick up voice call
Dell E515dn/Dell E515dw	**Hook**

If you are at an extension telephone, lift the handset during the F/T Ring and then press #51 between the pseudo/double rings. If no one is on the line, or if someone wants to send you a fax, send the call back to the machine by pressing *51.

Special Line Considerations

- Rollover Telephone Lines
  A rollover telephone system is a group of two or more separate telephone lines that pass incoming calls to each other if they are busy.
- Two-Line Telephone System
  A two-line telephone system is nothing more than two separate telephone numbers on the same wall outlet.
- Convert Telephone Wall Outlets
- Install Your Dell Machine, a External Two-Line TAD and Two-Line Telephone
  When you are installing an external two-line telephone answering device (TAD) and a two-line telephone, your machine must be isolated on one line at both the wall jack and at the TAD.

Rollover Telephone Lines

Related Models:Dell E515dn / Dell E515dw
A rollover telephone system is a group of two or more separate telephone lines that pass incoming calls to each other if they are busy.
This feature is available only in the USA and Canada.
The calls are usually passed down or 'rolled over' to the next available telephone line in a preset order.
Your machine can work in a rollover system only if it is the last number in the sequence, so the call cannot roll away. Do not place the machine on any of the other numbers; when the other lines are busy and a second fax call is received, the fax call would be transferred to a line that does not have a fax machine. **Your machine will work best on a dedicated line.**

Two-Line Telephone System

Related Models:Dell E515dn / Dell E515dw
A two-line telephone system is nothing more than two separate telephone numbers on the same wall outlet.
This feature is available only in the USA and Canada.
The two telephone numbers can be on separate jacks (RJ11) or combined into one jack (RJ14). Your machine must be plugged into an RJ11 jack. RJ11 and RJ14 jacks may be equal in size and appearance and both may contain four wires (black, red, green, yellow). To test the type of jack, plug in a two-line telephone and see if it can access both lines. If it can, you must separate the line for your machine.

Convert Telephone Wall Outlets

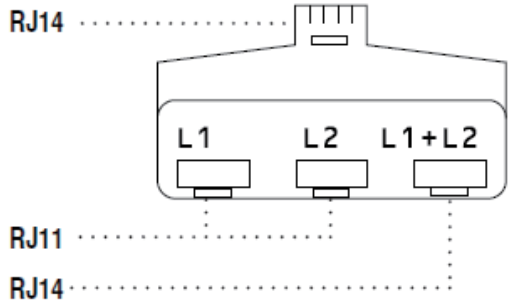
Related Models:Dell E515dn / Dell E515dw

This feature is available only in the USA and Canada.

There are three ways to convert to an RJ11 jack. The first two ways may require assistance from the telephone company. You can change the wall outlets from one RJ14 jack to two RJ11 jacks. Or, you can have an RJ11 wall outlet installed and slave or jump one of the telephone numbers to it.

The third way is the easiest: Buy a triplex adapter. You can plug a triplex adapter into an RJ14 outlet. It separates the wires into two separate RJ11 jacks (Line 1, Line 2) and a third RJ14 jack (Lines 1 and 2). If your machine is on Line 1, plug the machine into L1 of the triplex adapter. If your machine is on Line 2, plug it into L2 of the triplex adapter.

Triplex adapter



Install Your Dell Machine, a External Two-Line TAD and Two-Line Telephone

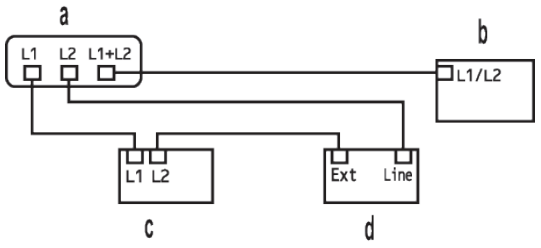
Related Models:Dell E515dn / Dell E515dw

When you are installing an external two-line telephone answering device (TAD) and a two-line telephone, your machine must be isolated on one line at both the wall jack and at the TAD.

- This feature is available only in the USA and Canada.
- The most common connection is to place the machine on Line 2, which is explained in the following steps. The back of the two-line TAD must have two telephone jacks: one labeled L1 or L1/L2, and the other labeled L2. You will need at least three telephone line cords, the one that came with your machine and two for your external two-line TAD. You will need a fourth line cord if you add a two-line telephone.

---

1. **Place the two-line TAD and the two-line telephone next to your machine.**
2. **Plug one end of the telephone line cord for your machine into the L2 jack of the triplex adapter. Plug the other end into the LINE jack of the machine.**
3. **Plug one end of the first telephone line cord for your TAD into the L1 jack of the triplex adapter. Plug the other end into the L1 or L1/L2 jack of the two-line TAD.**
4. **Plug one end of the second telephone line cord for your TAD into the L2 jack of the two-line TAD. Plug the other end into the EXT. jack of the machine.**



a. **Triplex Adapter**

b. **Two Line Telephone**

c. **External Two Line TAD**

d. **Machine**

You can keep two-line telephones on other wall outlets as always. There are ways to add a two-line telephone to the machine's wall outlet. You can plug the telephone line cord from the two-line telephone into the L1+L2 jack of the triplex adapter. Or, you can plug the two-line telephone into the TEL jack of the two-line TAD.

Additional Dialing Operations

- Dial Access Codes and Credit Card Numbers
  Sometimes you may want to choose from several long-distance carriers when you send a fax. Rates may vary depending on the time and destination. To take advantage of low rates, you can store the access codes of long-distance carriers and credit card numbers as Address Book numbers.

Dial Access Codes and Credit Card Numbers

Related Models:Dell E515dn / Dell E515dw

Sometimes you may want to choose from several long-distance carriers when you send a fax. Rates may vary depending on the time and destination. To take advantage of low rates, you can store the access codes of long-distance carriers and credit card numbers as Address Book numbers.

You can store these long dialing sequences by dividing them and setting them up as separate Address Book numbers in any combination. You can even include manual dialing using the dial pad.

For example: You might have stored '555' and '7000' in your machine as shown in the following table.

Applicable Models	'555' stored in	'7000' stored in
Dell E515dn/Dell E515dw	Quick Dial: 003	Quick Dial: 002

You can use them both to dial '555-7000' by following procedure.

1. Press **(Fax)**.
2. Press ▲ twice, 003.
3. Press ▼ twice, 002 and **Start**.
   The machine will dial '555-7000'.

To temporarily change a number, you can substitute part of the number by pressing it using the dial pad. For

example, to change the number to '555-7001', you could enter the number (555) using Quick Dial 003, and then press 7001 using the dial pad.

NOTE: If you must wait for another dial tone or signal at any point in the dialing sequence, create a pause in the number by pressing **Redial/Pause**.

How to Store Numbers

- Store Numbers
- Set up Groups for Broadcasting
  A Group, which can be stored in the Address Book, One Touch Dial, or Speed Dial allows you to send the same fax message to many fax numbers.
- How to Enter Text on Your Dell Machine

Store Numbers

Related Models:Dell E515dn / Dell E515dw

Store fax and telephone numbers in the machine for quick dialing and broadcasting faxes to groups. When you dial a stored number, the LCD displays the number.

NOTE: If you lose electrical power, the Address Book numbers that are in the machine's memory will not be lost.

Store One Touch Dial Numbers

Related Models:Dell E515dn / Dell E515dw

You can store eight One Touch Dial numbers on the four One Touch buttons. To access One Touch Dial Numbers 5 to 8, hold down **Shift** as you press the One Touch button.

1. Press **(Fax)**.
2. **Press the One Touch button where you want to store the number.**
   If a number is not stored there, the LCD displays `Register Now?`.
3. **Press 1 to select** `Yes`.
4. **Enter the telephone or fax number (up to 20 digits), and then press OK.**
5. **Do one of the following:**
   - Enter the name using the dial pad (up to 15 characters), and then press **OK**.
   - To store the number without a name, press **OK**.

Change or Delete One Touch Dial Numbers

Related Models:Dell E515dn / Dell E515dw

1. **Press Menu.**
2. **Press ▲ or ▼ to display the** `Fax` **option, and then press OK.**
3. **Press ▲ or ▼ to display the** `Address Book` **option, and then press OK.**
4. **Press ▲ or ▼ to display the** `One Touch Dial` **option, and then press OK.**
5. **Press the One Touch button you want to change or delete.**

6. **Do one of the following:**
   - To change the stored name and number:
     a. Press **1**.
     b. Edit the name and number: To edit the stored name or number, press ◀ or ▶ to move the cursor to the character you want to change, and then press **Clear**.
     Enter the correct character, and then press **OK.**
   - To delete the stored name and number:
     a. Press **2**.
     b. Press **1** to confirm.
   - To exit without making a change, press **Cancel**.
7. **Press Cancel.**

Store Speed Dial Numbers

Related Models:Dell E515dn / Dell E515dw
Use the Speed Dial numbers to store up to 200 numbers with a name.

1. **Press (Fax).**
2. **Press ▲ twice and enter a three-digit Speed Dial code (001 - 200).**
   If a number is not stored there, the LCD displays `Register Now?`.
3. **Press 1 to select** `Yes`.
4. **Enter the telephone or fax number (up to 20 digits), and then press OK.**
5. **Do one of the following:**
   - Enter the name using the dial pad (up to 15 characters), and then press **OK**.
   - To store the number without a name, press **OK**.

Change or Delete Speed Dial Numbers

Related Models:Dell E515dn / Dell E515dw
You can change or delete Speed Dial Codes.

1. **Press Menu.**
2. **Press ▲ or ▼ to display the** `Fax` **option, and then press OK.**
3. **Press ▲ or ▼ to display the** `Address Book` **option, and then press OK.**
4. **Press ▲ or ▼ to display the** `Speed Dial` **option, and then press OK.**
5. **Enter the Speed Dial code you want to change or delete, and then press OK.**
6. **Do one of the following:**
   - To change the stored fax or telephone number and name:
     a. **Press 1.**
     b. **Edit the number and name:**
     To edit the stored number or name, press ◀ or ▶ to move the cursor to the character you want to change, and then press Clear.

Enter the correct character, and then press **OK**.

- To delete the stored fax or telephone number and name:
  a. Press **2**.
  b. Press **1**.
- To exit without making a change, press **Cancel**.

7. Press **Cancel**.

Set up Groups for Broadcasting

Related Models:Dell E515dn / Dell E515dw

A Group, which can be stored in the Address Book, One Touch Dial, or Speed Dial allows you to send the same fax message to many fax numbers.

First, you must store each fax number in Address Book. Then you can include them as numbers in the Group. Each Group uses up an Address Book, a One Touch Dial, or a Speed Dial number.

Applicable Models	Maximum number of Group	Maximum numbers in a large Group
Dell E515dn/Dell E515dw	20 groups	207 numbers

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1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Address Book` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Groups` option, and then press **OK**.
5. Do one of the following:
   - To store a Group in a Speed Dial Location
     Press ▲ and then enter the three-digit Speed Dial location. and then press **OK**.
   - To store a Group in a One Touch Dial
     Press a One Touch button.
6. Use the dial pad to enter a Group number (01 to 20), and then press **OK**.
7. Add numbers to the Group:
   - To add Speed Dial Numbers
     Press ▲ and then enter the three-digit Speed Dial location.
   - To add one Touch Dial Numbers
     press the One Touch keys one after the other.

   The LCD will display selected Speed Dial numbers with a # and One Touch Dial numbers with a * (for example *006, #009).
8. Press **OK**, if you finish adding numbers.
9. Enter the Group name using the dial pad (up to 15 characters).
10. Press **OK**.
11. Press **Cancel**.

Change a Group Name

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Address Book` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Groups` option, and then press **OK**.
5. Do one of the following:
   - To change the Group name of a Group stored in a Speed Dial Location
     Press ▲ and then enter the three-digit Speed Dial location, and then press **OK**.
   - To change the Group name of a Group stored in a One Touch Dial
     Press a One Touch button.
6. Press **1** to change the stored Group information.
7. Press **2** if you do not need to change the numbers stored in the Group.
8. Press **OK**.
9. To edit the name, press ◀ or ▶ position the cursor under the character you want to change. Then press **Clear** to delete it, and enter the correct character using the dial pad.
   When you are finished editing, press **OK**.
10. Press **Cancel**.

Delete a Group

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Address Book` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Groups` option, and then press **OK**.
5. Do one of the following:
   - To delete a Group stored in a Speed Dial Location
     Press ▲ and then enter the three-digit Speed Dial location. and then press **OK**.
   - To delete a Group stored in a One Touch Dial
     Press a One Touch button.
6. Press **2** to delete the Group.
7. Press **1** to confirm.
8. Press **Cancel**.

Add or Delete Group Members

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.

2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Address Book` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Groups` option, and then press **OK**.
5. Do one of the following:
   - To change the numbers of a Group stored in a Speed Dial Location
     Press ▲ and then enter the three-digit Speed Dial location, and then press **OK**.
   - To change the numbers of a Group stored in a One Touch Dial
     Press a One Touch button.
6. Press **1** to change the numbers stored in the Group.
7. Add or delete One Touch or Speed Dial numbers
   - To add One Touch numbers
     Press ◀ or ▶ to position the cursor just after the last number.
     Then press the One Touch button of the number you want to add.
   - To add Speed Dial numbers
     Press ◀ or ▶ to position the cursor just after the last number.
     Then press ▲ and then enter the three-digit Speed Dial location of the number you want to add.
   - To delete One Touch or Speed Dial numbers, press ◀ or ▶ to position the cursor under the number you want to delete, and then press **Clear**.

   When you are finished editing, press **OK**.
8. Press **OK**.
9. Press **Cancel**.

Telephone Services and External Devices

- Voice Mail
- Distinctive Ring
- Caller ID
  The Caller ID feature lets you use the Caller ID subscriber service offered by many local telephone companies. This service displays the telephone number, or name if it is available, of your caller as the line rings.
- External TAD (Telephone Answering Device)
- External and Extension Telephones

Voice Mail

Related Models:Dell E515dn / Dell E515dw
This feature is available only in the USA and Canada.
If you have Voice Mail on the same telephone line as your Dell machine, Voice Mail and the Dell machine will conflict with each other when receiving incoming calls.
For example, if your Voice Mail is set to answer after four rings and your Dell machine is set to answer after two rings, then your Dell machine will answer first. This will prevent callers from being able to leave a message in your Voice Mail.

Similarly, if your Dell machine is set to answer after four rings and your Voice Mail is set to answer after two rings, then your Voice Mail will answer first. This will prevent your Dell machine from being able to receive an incoming fax, since Voice Mail cannot transfer the incoming fax back to the Dell machine.
To avoid conflicts between your Dell machine and your Voice Mail service, do one of the following:

- Get the Distinctive Ring service from your telephone company. Distinctive Ring is a feature of your Dell machine that allows a person with one line to receive fax and voice calls through two different telephone numbers on that one line.
  Dell uses the term 'Distinctive Ring,' but telephone companies market the service under a variety of names, such as Custom Ringing, Personalized Ring, Smart Ring, RingMaster, Ident-A-Ring, Ident-A-Call, Data Ident-A-Call, Teen Ring, and SimpleBiz Fax & Alternate Number Ringing. This service establishes a second telephone number on the same line as your existing telephone number, and each number has its own ring pattern. Typically, the original number rings with the standard ring pattern and is used for receiving voice calls, and the second number rings with a different ring pattern and is used for receiving faxes.
- Set your Dell machine's Receive Mode to "Manual". Manual Mode requires you answer every incoming call if you want to be able to receive a fax. If the incoming call is a telephone call, then complete the call as you normally would. If you hear fax sending tones you must transfer the call to the Dell machine.
  Unanswered fax and voice calls will go to your Voice Mail.

Distinctive Ring

Related Models:Dell E515dn / Dell E515dw
This feature is available only in the USA and Canada.
Distinctive Ring is a function of your Dell machine that allows a person with one line to receive fax and voice calls through two different phone numbers on that one line. Dell uses the term "Distinctive Ring," but telephone companies market the service under a variety of names, such as Smart Ring, Ring Master or Ident-a-Ring. This service establishes a second telephone number on the same line as your existing telephone number, and each number has its own ring pattern. Typically, the original number rings with the standard ring pattern and is used for receiving voice calls, and the second number rings with a different ring pattern and is used for receiving faxes.

NOTE: You must pay for your telephone company's Distinctive Ring service before you program the machine to work with it.

NOTE: Contact your telephone company for availability and rates.

What does your telephone company's 'Distinctive Ring' do?

Your telephone company's Distinctive Ring service allows you to have more than one number on the same telephone line. **If you need more than one telephone number, it is cheaper than paying for an extra line.** Each telephone number has its own distinctive ring pattern, so you will know which telephone number is ringing. This is one way to have a separate telephone number for your machine.

NOTE: Contact your telephone company for availability and rates.

What does Dell's 'Distinctive Ring' do?

The Dell machine has a Distinctive Ring feature that allows you to use your machine to take full advantage of the telephone company's Distinctive Ring service. The new telephone number on your line can just receive faxes.

NOTE: You must pay for your telephone company's Distinctive Ring service before you program the machine to work

with it.

Do you have Voice Mail?

If you have Voice Mail on the telephone line that you will install your new machine on, there is a strong possibility that Voice Mail and the machine will conflict with each other while receiving incoming calls. **However, the Distinctive Ring feature allows you to use more than one number on your line, so both Voice Mail and the machine can work together without any problems.** If each one has a separate telephone number, neither will interfere with the other's operations.

If you decide to get the Distinctive Ring service from the telephone company, you must register the new Distinctive Ring pattern they give you. This is so your machine can recognize its incoming calls.

NOTE: You can change or cancel the Distinctive Ring pattern at any time. You can switch it off temporarily, and turn it back on later. When you get a new fax number, make sure you reset this feature.

Before you choose the ring pattern to register

You can only register one Distinctive Ring pattern with the machine. Some ring patterns cannot be registered. The ring patterns below are supported by your Dell machine. Register the one your telephone company gives you.

Ring Pattern	Rings	
1	short-short or long-long	
2	short-long-short	
3	short-short-long	
4	very long (normal pattern)	

NOTE: Ring Pattern #1 is often called Short-Short and is the most commonly used.

NOTE: If the ring pattern you received is not on this chart, **contact your telephone company and ask for one that is shown.**

- The machine will only answer calls to its registered number.
- The first two rings are silent on the machine. This is because the fax must <<listen>> to the ring pattern (to compare it to the pattern that was 'registered'). (Other telephones on the same line will ring.)
- If you program the machine correctly, it will recognize the registered ring pattern of the 'fax number' within two ring patterns and then answer with a fax tone. When the 'voice number' is called, the machine will not answer.

Register the Distinctive Ring Pattern

Related Models:Dell E515dn / Dell E515dw

This feature is available only in the USA and Canada.

After you set the Distinctive Ring feature to `On`, your Distinctive Ring number will receive faxes automatically. The receive mode is automatically set to `Manual` and you cannot change it to another receive mode while Distinctive Ring is set to `On`. This ensures the Dell machine will only answer the Distinctive Ring number and not interfere when your main telephone number is called.

When Distinctive Ring is on, the LCD displays `D/R` as the Receive Mode.

1. Press **(Fax)**.

2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Miscellaneous` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Distinctive` option, and then press **OK**.
6. Press ▲ or ▼ to display the `Set` option, and then press **OK**.
7. Press ▲ or ▼ to display the prestored ring pattern you want to use, and then press **OK**.

   NOTE: You will hear each pattern as you scroll through the four patterns. Make sure you select the pattern that the telephone company gave you.
8. Press **Cancel**.

Turn Off Distinctive Ring

Related Models:Dell E515dn / Dell E515dw

This feature is available only in the USA and Canada.

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1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Miscellaneous` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Distinctive` option, and then press **OK**.
6. Press ▲ or ▼ to display the `Off` option, and then press **OK**.
7. Press **Cancel**.

If you turn off Distinctive Ring, the machine will stay in Manual Mode. You must set the Receive Mode again.

Caller ID

Related Models:Dell E515dn / Dell E515dw

The Caller ID feature lets you use the Caller ID subscriber service offered by many local telephone companies. This service displays the telephone number, or name if it is available, of your caller as the line rings.

- The `# Unavailable` message means the call originated outside your Caller ID service area.
- The `Private Call` message means the caller has intentionally blocked transmission of Caller ID information.

Call your telephone company for more information.

Once you answer a call, the Caller ID information disappears from the LCD and is stored in Caller ID memory. View the list or select a number and add it to the Address Book (the Speed Dial or One the Touch Dial in some models), or delete it from the history.

You can print a list of the Caller ID information received by your machine.

NOTE: This feature is not available in some countries.

NOTE: This feature may not be available in certain areas of the USA and Canada.

NOTE: The Caller ID service varies with different carriers. Contact your local telephone company to learn about the service available in your area.

External TAD (Telephone Answering Device)

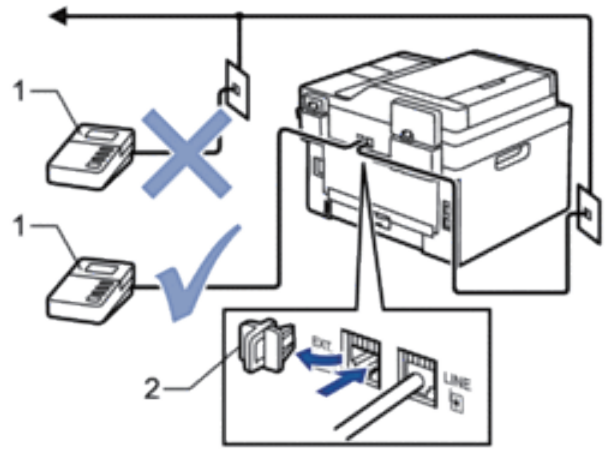
Related Models:Dell E515dn / Dell E515dw

You can connect an external Telephone Answering Device (TAD) to the same line as your machine. When the TAD answers a call, your machine will "listen" for the CNG (fax calling) tones sent by a sending fax machine. If it hears them it will take over the call and receive the fax. If it does not hear them, it will let your TAD take a voice message and the display will show `Telephone`.

The external TAD must answer within four rings (we recommend setting it to two rings). This is because your machine cannot hear the CNG tones until the external TAD has picked up the call. The sending machine will send CNG tones for only eight to ten seconds longer. We do not recommend using the toll saver feature on your external TAD if it needs more than four rings to activate it.

Unless you are using Distinctive Ring, the TAD must be connected to the EXT. jack of the machine.

- **If you subscribe to your telephone company's Distinctive Ring service:**
  You may connect an external TAD to a separate wall jack only if you subscribe to your telephone company's Distinctive Ring service, have registered the distinctive ring pattern on your machine, and use that number as a fax number. The recommended setting is at least four rings on the external TAD when you have the telephone company's Distinctive Ring service. You cannot use the Toll Saver setting.
- **If You Do Not Subscribe to the Distinctive Ring Service:**
  You must plug your TAD into the EXT. jack of your machine. If your TAD is plugged into a wall jack, both your machine and the TAD will try to control the telephone line. (See the illustration.)



1 TAD
2 Protective Cap

IMPORTANT

DO NOT connect a TAD elsewhere on the same telephone line.

NOTE: If you have problems receiving faxes, reduce the Ring Delay setting on your external TAD.

Connect an External TAD

Related Models:Dell E515dn / Dell E515dw

The external TAD must be plugged into the back of the machine, into the jack labeled EXT. Your machine cannot work correctly if you plug the TAD into a wall jack (unless you are using Distinctive Ring).

1. **Plug the telephone line cord from the telephone wall jack into the back of the machine, in the jack labeled LINE.**
2. **Plug the telephone line cord from your external TAD into the back of the machine, in the jack labeled EXT. (Make sure this cord is connected to the TAD at the TAD's telephone line jack, and not its handset jack.)**
3. **Set your external TAD to four rings or less. (The machine's Ring Delay setting does not apply.)**
4. **Record the outgoing message on your external TAD.**
5. **Set the TAD to answer calls.**
6. **Set the Receive Mode on your machine to** `External TAD`.

Record an Outgoing Message (OGM) on the External TAD

Related Models:Dell E515dn / Dell E515dw

1. **Record 5 seconds of silence at the beginning of your message. This allows your machine time to listen for fax tones.**
2. **Limit your speaking to 20 seconds.**
3. **End your 20-second message by giving your Fax Receive Code for people sending manual faxes. For example: "After the beep, leave a message or press *51 and Start to send a fax."**

   NOTE: We recommend beginning your OGM with an initial 5 second silence because the machine cannot hear fax tones over a loud voice. You may try leaving out this pause, but if your machine has trouble receiving faxes, then you should re-record the OGM to include it.

Multi-line Connections (PBX)

Related Models:Dell E515dn / Dell E515dw

We suggest you ask the company who installed your PBX to connect your machine. If you have a multi line system we suggest you ask the installer to connect the unit to the last line on the system. This prevents the machine being activated each time the system receives telephone calls. If all incoming calls will be answered by a switchboard operator we recommend setting the Receive Mode to `Manual`.

We cannot guarantee that your machine will operate correctly under all circumstances when connected to a PBX. Any difficulties with sending or receiving faxes should be reported first to the company who handles your PBX.

External and Extension Telephones

- Connect an External or Extension Telephone
- Operation from External and Extension Telephones
- Use a Non-Dell Cordless External Handset
- Use the Remote Codes

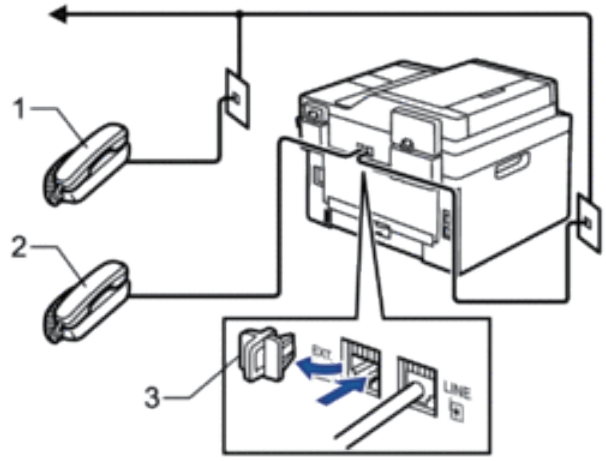
Connect an External or Extension Telephone

Related Models:Dell E515dn / Dell E515dw

You can connect a separate telephone to your machine as shown in the diagram below.

Connect the telephone line cord to the jack labeled EXT.

Before you connect an external telephone, remove the protective cap (3) from the EXT. jack on the machine.



1 Extension telephone
2 External telephone
3 Protective Cap

Operation from External and Extension Telephones

Related Models:Dell E515dn / Dell E515dw

Use extension telephones

If you answer a fax call at an extension telephone, you can make your machine receive the fax by pressing the Fax Receive Code ***51.**

If the machine answers a voice call and pseudo/double-rings for you to take over, you can take the call at an extension telephone by pressing the Telephone Answer Code **#51**.

Use an external telephone (Connected to the EXT. jack of the machine)

If you answer a fax call at the external telephone connected to the EXT. jack of the machine, you can make the machine receive the fax by pressing **Start**, and selecting **2**.

If the machine answers a voice call and pseudo/double-rings for you to take over, you can take the call at the external telephone by pressing **Hook**.

If you answer a call and no one is on the line:

You should assume that you're receiving a manual fax.

Press ***51** and wait for the chirp or until the LCD displays `Receiving`, and then hang up.

NOTE: You can also use the Easy Receive feature to make your machine automatically take the call.

Use a Non-Dell Cordless External Handset

Related Models:Dell E515dn / Dell E515dw

If your non-Dell cordless telephone is connected to the EXT. jack of the machine and you typically carry the cordless handset elsewhere, it is easier to answer calls during the Ring Delay.

If you let the machine answer first, you must go to the machine so you can press `Hook` or **Hook** to transfer the call to the cordless handset.

Use the Remote Codes

Related Models:Dell E515dn / Dell E515dw

Fax Receive Code

If you answer a fax call on an extension telephone, you can tell your machine to receive it by pressing the Fax Receive Code ***51.** Wait for the chirping sounds then replace the handset.

If you answer a fax call at the external telephone, you can make the machine receive it by pressing the buttons in the following table.

Applicable Models	To make the machine receive the fax
Dell E515dn/Dell E515dw	**Start** and then **2**

Telephone Answer Code

If you receive a voice call and the machine is in F/T mode, it will start to sound the F/T ring (pseudo/double-ring) after the initial ring delay. If you pick up the call on an extension telephone you can turn the F/T ring off by pressing **#51** (make sure you press this between the rings).

If the machine answers a voice call and pseudo/double-rings for you to take over, you can take the call at the external telephone by pressing the button in the following table.

Applicable Models	To make the machine receive the fax
Dell E515dn/Dell E515dw	**Hook**

Change the Remote Codes

Related Models:Dell E515dn / Dell E515dw

The preset Fax Receive Code is ***51.** The preset Telephone Answer Code is **#51**. If you are always disconnected when accessing your External TAD remotely, try changing the three-digit remote codes, for example ### and 999.

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Receive` option, and then press **OK**.

5. Press ▲ or ▼ to display the `Remote Codes` option, and then press **OK**.
6. Press ▲ or ▼ to display the `On` option, and then press **OK**.

   NOTE: To turn off Remote Codes, select the `Off` option.
7. Enter the new Fax Receive Code, and then press **OK**.
8. Enter the new Telephone Answer Code, and then press **OK**.
9. Press **Cancel**.

Fax Reports

The Transmission Verification Report and the Fax Journal are available to confirm the results of fax transmission.

- Print a Transmission Verification Report
  You can use the Transmission Verification Report as proof that you sent a fax. This report lists the receiving party's name or fax number, the time and date of transmission, duration of transmission, number of pages sent, and whether or not the transmission was successful.
- Print a Fax Journal
  You can set the machine to print a journal at specific intervals (every 50 faxes, 6, 12 or 24 hours, 2 or 7 days).

Print a Transmission Verification Report

Related Models:Dell E515dn / Dell E515dw

You can use the Transmission Verification Report as proof that you sent a fax. This report lists the receiving party's name or fax number, the time and date of transmission, duration of transmission, number of pages sent, and whether or not the transmission was successful.

There are several settings available for the Transmission Verification Report:

`On`	Prints a report after every fax you send.
`On+Image`	Prints a report after every fax you send. A portion of the fax's first page appears on the report.
`Off`	Prints a report if your fax is unsuccessful due to a transmission error. `Off` is the factory setting.
`Off+Image`	Prints a report if your fax is unsuccessful due to a transmission error. A portion of the fax's first page appears on the report.
`No Report`	Your Dell machine does not print any reports after sending faxes.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Report Setting` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Transmission` option, and then press **OK**.
5. Press ▲ or ▼ to display the `On`, `On+Image`, `Off`, `Off+Image`, or `No Report` option, and press **OK**.

6. Press **Cancel**.

Print a Fax Journal

Related Models:Dell E515dn / Dell E515dw

You can set the machine to print a journal at specific intervals (every 50 faxes, 6, 12 or 24 hours, 2 or 7 days).

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Report Setting` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Journal Period` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Every 50 Faxes`, `Every 6 Hours`, `Every 12 Hours`, `Every 24 Hours`, `Every 2 Days`, `Every 7 Days`, or `Off` option, and then press **OK**.
   - 6, 12, 24 hours, 2 or 7 days
     The machine will print the report at the selected time and then erase all jobs from its memory. If the machine's memory becomes full with 200 jobs before the time you selected has passed, the machine will print the Journal early and then erase all jobs from the memory. If you want an extra report before it is due to print, you can print it without erasing the jobs from the memory.
   - Every 50 Faxes
     The machine will print the Journal when the machine has stored 50 jobs.
6. If you chose Every 7 Days, Press ▲ or ▼ to display the `Every Monday`, `Every Tuesday`, `Every Wednesday`, `Every Thursday`, `Every Friday`, `Every Saturday` or `Every Sunday` option, and then press **OK**.
7. If you selected 6, 12, 24 hours, 2 or 7 days, do one of the following to enter the time to start printing:
   - If you selected `12h Clock` in the Date&Time setting, enter the time in 12-hour format, and then press **OK**. Press ▲ or ▼ to display the `AM` or `PM` option, and then press **OK**.
   - If you selected `24h Clock` in the Date&Time setting, enter the time in 24-hour format, and then press **OK**. (For example, enter 19:45 for 7:45 PM.)
8. Press **Cancel**.

PC-FAX

- PC-FAX for Windows®
- PC-FAX for Macintosh

PC-FAX for Windows®

- PC-FAX Overview (Windows®)
  Reduce paper consumption and save time by using Dell's PC-FAX software to send faxes directly from your machine.

PC-FAX Overview (Windows®)

Reduce paper consumption and save time by using Dell's PC-FAX software to send faxes directly from your machine.

- Configure PC-FAX (Windows®)
  Before sending faxes using PC-FAX, personalize the send options in each tab of the **PC-FAX Setup** dialog box.
- Configure your PC-Fax Address Book (Windows®)
  Add, edit and delete members and groups to personalize your Dell **Address Book**.
- Send a Fax Using PC-FAX (Windows®)
- Change the Port Used for PC-FAX Send (Windows®)
  You can change the printer port that is used when you send a fax using PC-FAX.

Configure PC-FAX (Windows®)

Related Models:Dell E515dn / Dell E515dw

Before sending faxes using PC-FAX, personalize the send options in each tab of the **PC-FAX Setup** dialog box.

1. **Select the print command in your application.**
2. **Select Dell PC-FAX as your printer, and then complete your print operation.**
   The Dell PC-FAX dialog box appears.
3. **Click** **.**
   The PC-FAX Setup dialog box appears.
4. **Do one of the following:**
   - Click the **User Information** tab, and then type your user information in the fields.

   NOTE: Each Microsoft® account can have its own customized **User Information** screen for custom fax headers and cover pages.

   - Click the **Sending** tab, and then type the number needed to access an outside line (if needed) in the **Outside line access** field. Select the **Include header** check box to include the header information.
   - Click the **Address Book** tab, and then select the address book you want to use for PC-FAX from the **Select Address Book** drop-down list.
5. **Click OK.**

Configure your PC-Fax Address Book (Windows®)

Add, edit and delete members and groups to personalize your Dell **Address Book**.

- Add a Member to the Address Book (Windows®)
  Add new people and their fax information to the PC-Fax Address Book if you want to send a fax using Dell PC-Fax software.
- Create a Group in the Address Book (Windows®)
  Create a group to broadcast the same PC-FAX to several recipients at one time.
- Edit Member or Group Information (Windows®)
- Delete a Member or Group (Windows®)
- Export the Address Book (Windows®)
  You can export the Address Book as an ASCII text file (*.csv), a vCard (an electronic business card), or **Remote**

Setup Dial Data and save it on your computer.

- Import Information to the Address Book (Windows®)
  You can import ASCII text files (*.csv), vCards (electronic business cards), or **Remote Setup Dial Data** into your Address Book.

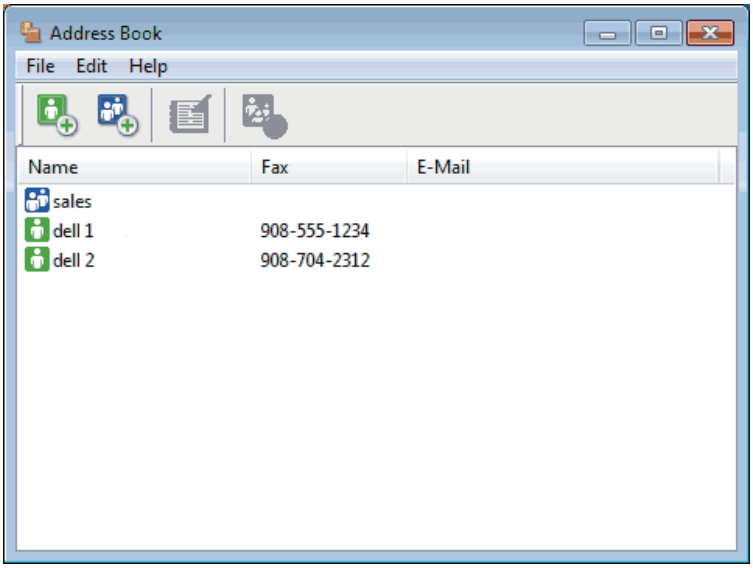
Add a Member to the Address Book (Windows®)

Related Models:Dell E515dn / Dell E515dw

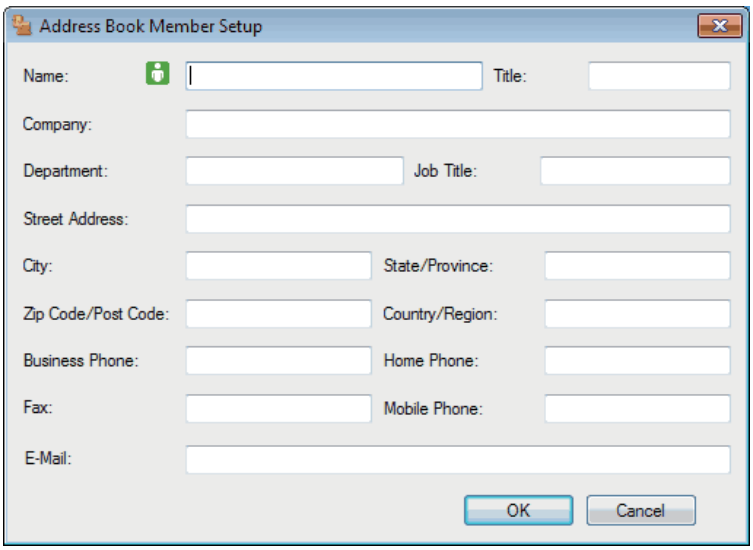
Add new people and their fax information to the PC-Fax Address Book if you want to send a fax using Dell PC-Fax software.

1. **Do one of the following:**
   - (Windows Vista® and Windows® 7)
     Click **(Start) > All Programs > Dell Printers**.
     Click your model name. Click **Address Book**.
   - (Windows® 8)
     Click **Dell Printers**, and then click your model name. Click **Address Book**.

   The **Address Book** dialog box appears.



2. Click .
   The **Address Book Member Setup** dialog box appears.



3. Type the member's information in the corresponding fields. Only the **Name** field is required.
4. Click **OK**.

Create a Group in the Address Book (Windows®)

Related Models:Dell E515dn / Dell E515dw

Create a group to broadcast the same PC-FAX to several recipients at one time.

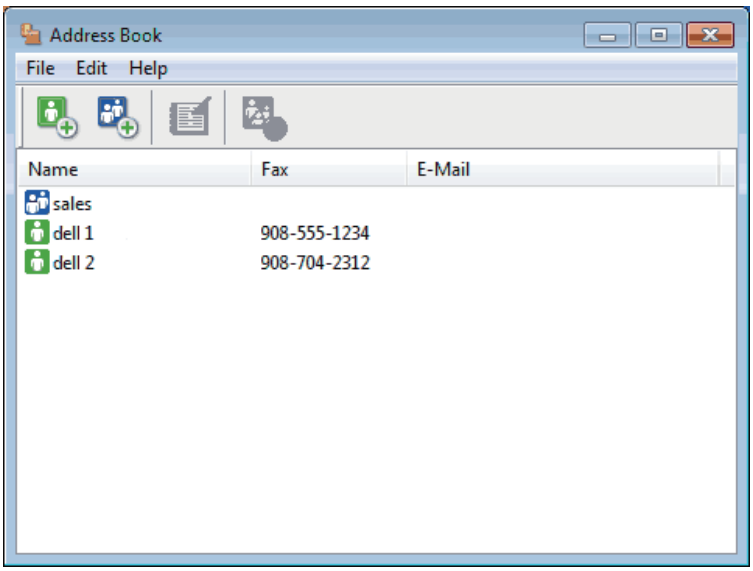
1. Do one of the following:
   - (Windows Vista® and Windows® 7)

     Click **(Start) > All Programs > Dell Printers**.

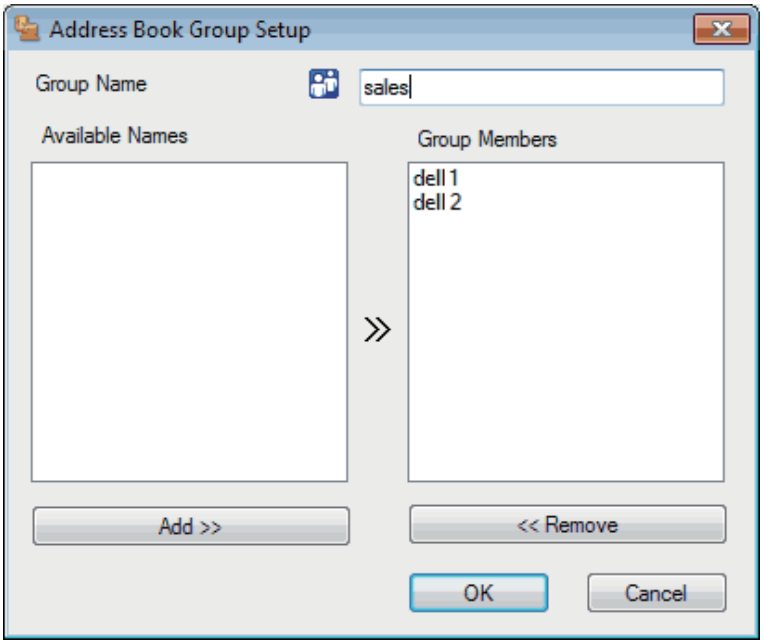
     Click your model name. Click **Address Book**.
   - (Windows® 8)

     Click **Dell Printers**, and then click your model name. Click **Address Book**.

   The **Address Book** dialog box appears.



2. Click .
   The **Address Book Group Setup** dialog box appears.



3. Type the name of the new group in the **Group Name** field.
4. In the **Available Names** field, select each name you want to include in the group, and then click **Add >>**.
   Members added to the group appear in the **Group Members** box.
5. When finished, click **OK**.

   NOTE: Each group can contain up to 50 members.

Edit Member or Group Information (Windows®)

Related Models:Dell E515dn / Dell E515dw

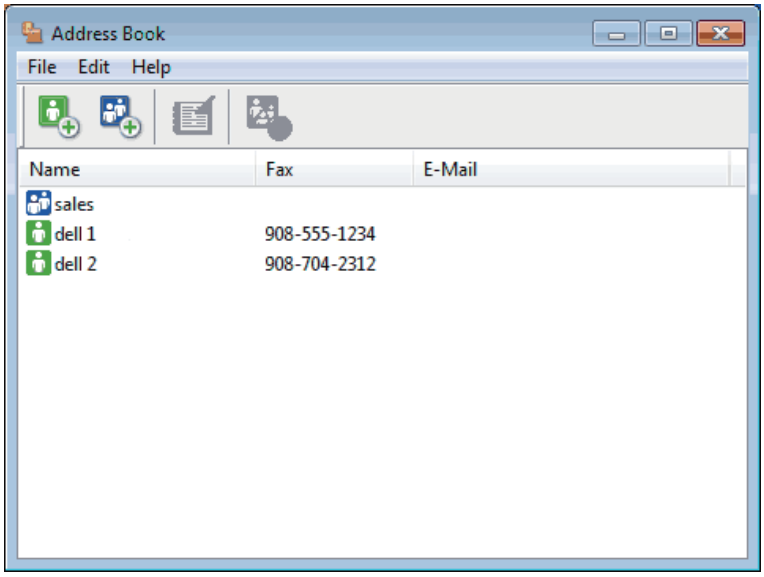
1. Do one of the following:
   - (Windows Vista® and Windows® 7)

     Click **(Start) > All Programs > Dell Printers**.

     Click your model name. Click **Address Book**.
   - (Windows® 8)

     Click **Dell Printers**, and then click your model name. Click **Address Book**.

   The **Address Book** dialog box appears.



2. Select the member or group you want to edit.
3. Click **(Properties)**.
4. Change the member or group information.
5. Click **OK**.

Delete a Member or Group (Windows®)

Related Models:Dell E515dn / Dell E515dw

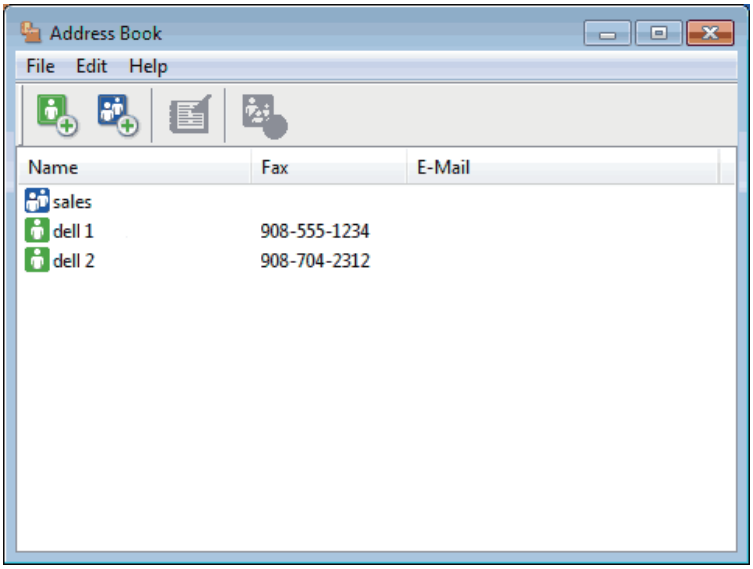
1. Do one of the following:
   - (Windows Vista® and Windows® 7)

     Click **(Start) > All Programs > Dell Printers**.

     Click your model name. Click **Address Book**.
   - (Windows® 8)

     Click **Dell Printers**, and then click your model name. Click **Address Book**.

   The **Address Book** dialog box appears.



2. Select the member or group you want to delete.
3. Click **(Delete)**.
4. When the confirmation dialog box appears, click **OK**.

Export the Address Book (Windows®)

Related Models:Dell E515dn / Dell E515dw

You can export the Address Book as an ASCII text file (*.csv), a vCard (an electronic business card), or **Remote Setup Dial Data** and save it on your computer.

- You cannot export the group settings when you export the **Address Book** data.

---

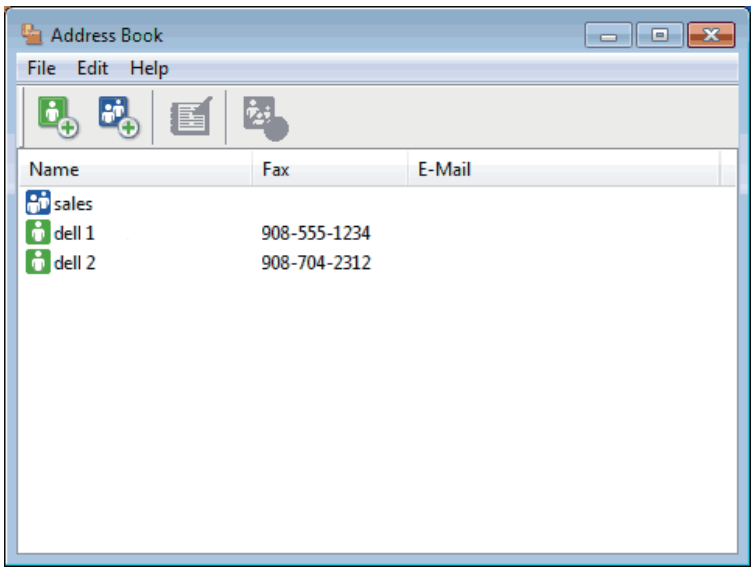
1. Do one of the following:
   - (Windows Vista® and Windows® 7)

     Click **(Start) > All Programs > Dell Printers**.

     Click your model name. Click **Address Book**.
   - (Windows® 8)

     Click **Dell Printers**, and then click your model name. Click **Address Book**.

   The **Address Book** dialog box appears.



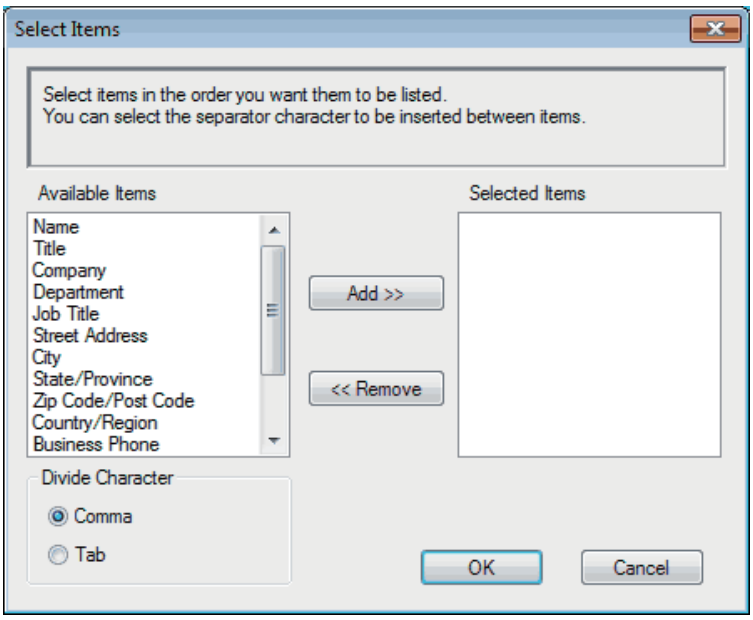
2. Click the **File** menu, and then select **Export**.
3. Select one of the following:
   - **Text**

     The **Select Items** dialog box appears. Go to step 4.
   - **vCard**

     You must select the member you want to export from your address book before selecting this option.

     Browse to the folder where you want to save the vCard, type the vCard name in the **File name** field, and then click **Save**.
   - **Remote Setup Dial Data**

     Browse to the folder where you want to save the data, type the file name in the **File name** field, and then click **Save**.
4. In the **Available Items** field, select the data you want to export, and then click **Add >>**.



NOTE: Select and add the items in the order you want them listed.

5. If you are exporting to an ASCII file, under the **Divide Character** section, select the **Tab** or **Comma** option to separate the data fields.
6. Click **OK**.
7. Browse to the folder on your computer where you want to save the data, type the file name, and then click **Save**.

Import Information to the Address Book (Windows®)

Related Models:Dell E515dn / Dell E515dw

You can import ASCII text files (*.csv), vCards (electronic business cards), or **Remote Setup Dial Data** into your Address Book.

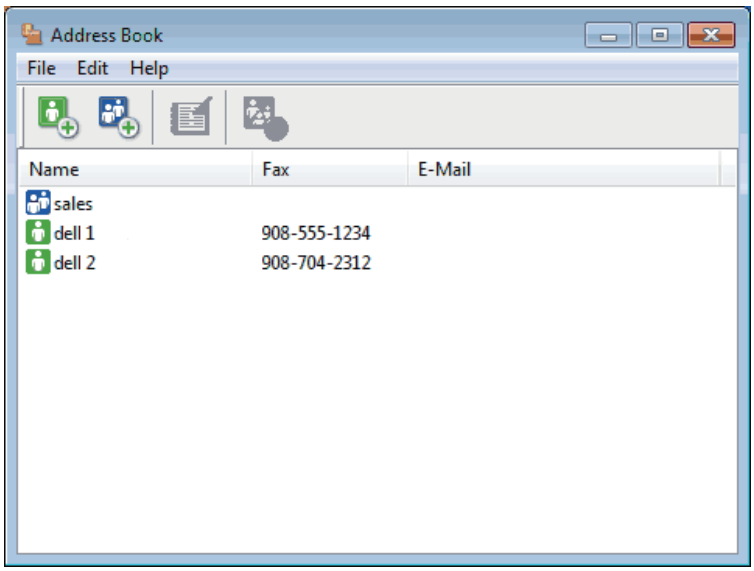
1. Do one of the following:
   - (Windows Vista® and Windows® 7)

     Click **(Start) > All Programs > Dell Printers**.

     Click your model name. Click **Address Book**.
   - (Windows® 8)

     Click **Dell Printers**, and then click your model name. Click **Address Book**.

   The **Address Book** dialog box appears.

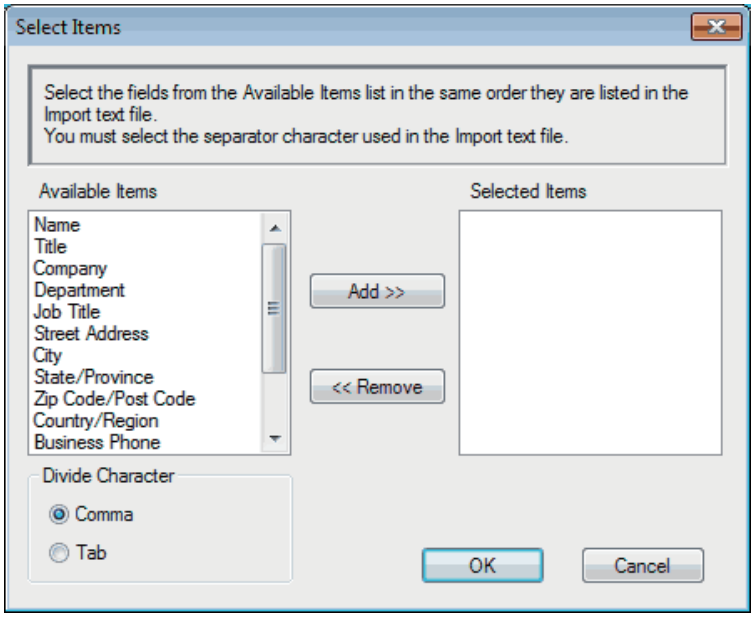


2. Click the **File** menu, and then select **Import**.
3. Select one of the following:
   - **Text**

     The **Select Items** dialog box appears. Go to step 4.
   - **vCard**

     Go to step 7.
   - **Remote Setup Dial Data**

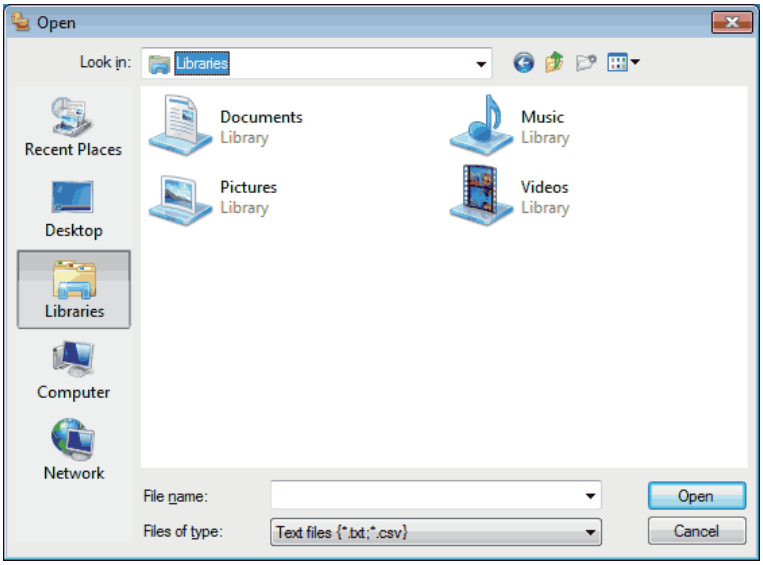
     Go to step 7.
4. In the **Available Items** field, select the data you want to import, and then click **Add >>**.



NOTE: You must select and add fields from the **Available Items** list in the same order they are listed in the import

text file.

5. If you are importing an ASCII file, under the **Divide Character** section, select the **Tab** or **Comma** option to separate the data fields.
6. Click **OK**.
7. Browse to the folder where you want to import the data, type the file name, and then click **Open**.



Send a Fax Using PC-FAX (Windows®)

Related Models:Dell E515dn / Dell E515dw

PC-FAX supports only black and white faxes. A black and white fax will be sent even if the original data is color and the receiving fax machine supports color faxes.

---

1. Create a file in any application on your computer.
2. Select the print command in your application.
3. Select **Dell PC-FAX** as your printer, and then complete your print operation.
   The **Dell PC-FAX** dialog box appears.
4. Type a fax number using one of the following methods:
   - Click the numbers on the dial pad to type the number, and then click .

   NOTE: If you select the **Dial Restriction** check box, a confirmation dialog box will appear for you to re-type the fax number using the dial pad. This feature helps to prevent transmissions to the wrong destination.

   - Click the **Address Book** button, and then select a member or group from the Address Book.

   NOTE: If you make a mistake, click **All Clear** to delete all entries.
5. To include a cover page, select the **Add Cover Page** check box. You can also click to create or edit a cover page.

6. Click **Start** to send the fax.

   NOTE: To cancel the fax, click **Cancel**.

   NOTE: To redial a number, click **Redial** to scroll through the last five fax numbers, select a number, and then click **Start**.

Cover Page Settings (Windows®)

Related Models:Dell E515dn / Dell E515dw

NOTE: If you send a fax to more than one recipient, the recipients' information will not be printed on the cover page.

To

Select the check boxes to indicate which recipient information you want to add to the cover page.

From

Select the check boxes to indicate which sender information you want to add to the cover page.

Sender information will be entered automatically based on the **User Information** tab.

Comment

Type a comment to add to the cover page (not required).

Form

Click the **Layout** drop-down list to select a cover page format.

- **Cover page title**

  Select one of the options.

  If you select the **Custom** option, you can include a bitmap file, such as your company logo, on the cover page. Click **Browse** to select a BMP file, and then choose the alignment.
- **Count cover page**

  Select the **Count cover page** check box if you want to include the cover page in the total page count.

Change the Port Used for PC-FAX Send (Windows®)

Related Models:Dell E515dn / Dell E515dw

You can change the printer port that is used when you send a fax using PC-FAX.

1. Do one of the following:
   - (Windows Vista®)

     Click **(Start) > Control Panel > Hardware and Sound > Printers**
   - (Windows® 7)

     Click **(Start) > Devices and Printers > Printers and Faxes**
   - (Windows® 8)

     Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Control Panel**. In the **Hardware and Sound** group, click **View devices and printers > Printers**
2. Do one of the following:
   - (Windows Vista®)

     Right-click **Dell PC-FAX** and select **Properties**.
   - (Windows® 7 and Windows® 8)

Right-click **Dell PC-FAX** and select **Printer properties**.

3. Click the **Ports** tab and then select using the port.
4. Click **OK**.

PC-FAX for Macintosh

- PC-FAX Overview (Macintosh)
  Use Dell's PC-FAX software to send faxes directly from your Macintosh without printing them. This feature helps reduce your paper consumption and save time.
- Send Faxes from Your Application (Macintosh)

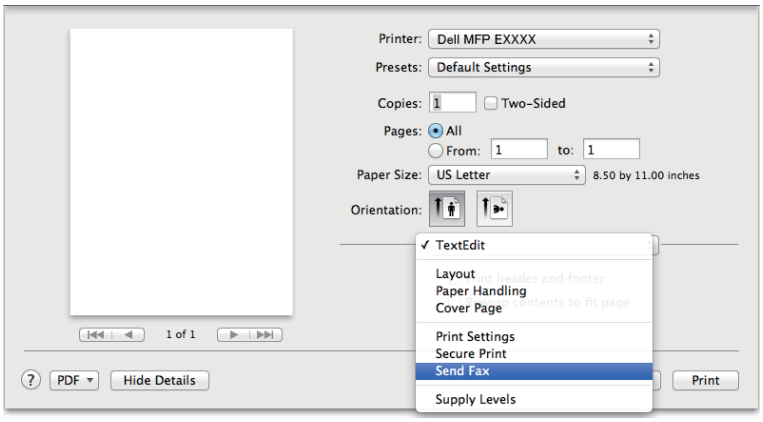
PC-FAX Overview (Macintosh)

Use Dell's PC-FAX software to send faxes directly from your Macintosh without printing them. This feature helps reduce your paper consumption and save time.

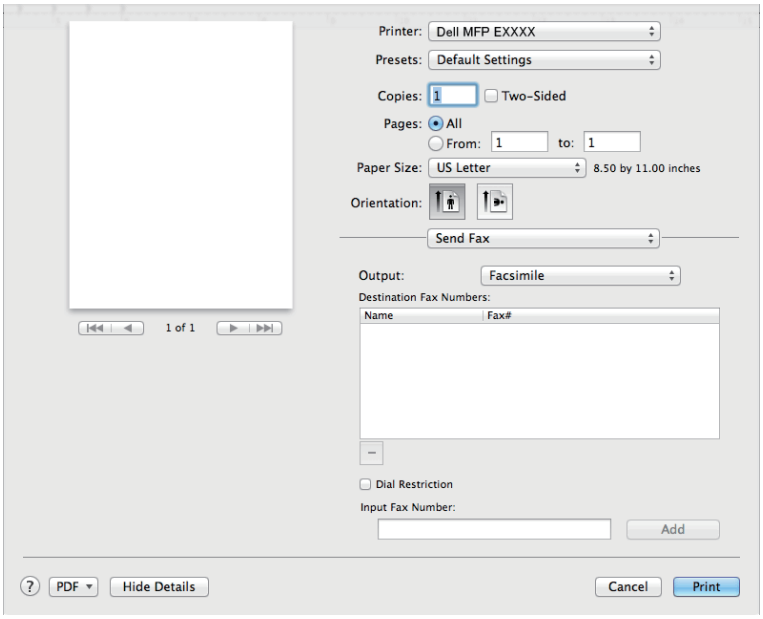
Send Faxes from Your Application (Macintosh)

Related Models:Dell E515dn / Dell E515dw

1. Create a document in a Macintosh application.
2. From an application, such as Apple TextEdit, click the **File** menu, and then select **Print**.
3. Click the application pop-up menu, and then select the **Send Fax** option.

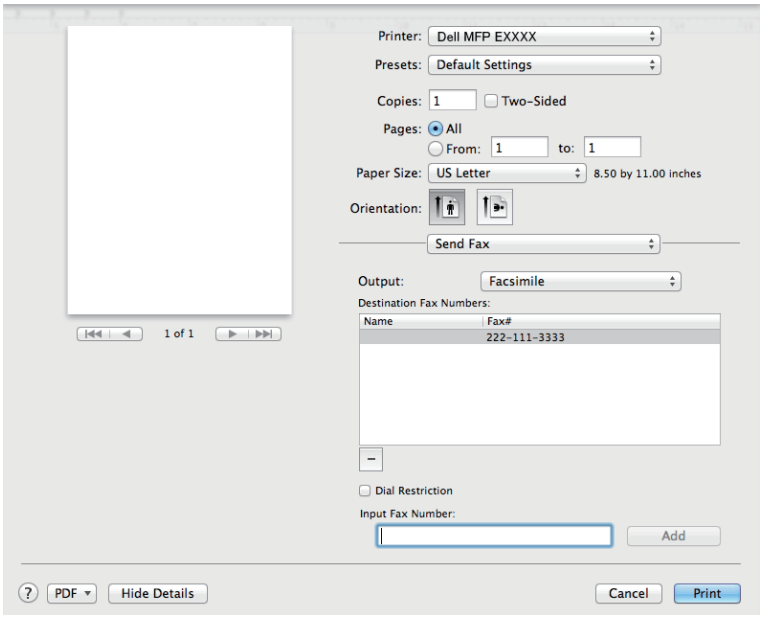


4. Click the **Output** pop-up menu, and then select the **Facsimile** option.



5. Type a fax number in the **Input Fax Number** field, and then click **Add**.
   The fax number is displayed in the **Destination Fax Numbers** field.

   NOTE: To send a fax to more than one number, click the **Add** button after entering the first fax number and type the next fax number. The destination fax numbers will be listed in the **Destination Fax Numbers** field.



6. Click **Print** to send the fax.

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Locate the Machine's Network Settings 199
Additional Methods of Configuring Your Dell Machine for a Wireless Network. 200
Advanced Network Features 215
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7

Network

- Get Started
  We recommend setting up and connecting to your network using the Dell installation CD-ROM. This guide provides more information on network connection types, introduces various methods to manage your network and explains some useful network features of your Dell machine.
- Select Your Network Connection Type
  You must identify your network connection type: wired network connection or wireless network connection.
- Learn to Use Network Management Utilities
  Configure and change your Dell machine's network settings using a management utility.
- Locate the Machine's Network Settings
  You can change your machine's network settings (IP address, subnet mask, gateway and others) using the control panel or Web Based Management.
- Additional Methods of Configuring Your Dell Machine for a Wireless Network
  To connect your machine to your wireless network, we recommend using the Installer CD-ROM.
- Advanced Network Features
- Technical Information for Advanced Users
- Network Menu on the Dell Control Panel
  The control panel's `Network` menu selections allow you to configure the Dell machine for your network.

Get Started

We recommend setting up and connecting to your network using the Dell installation CD-ROM. This guide provides more information on network connection types, introduces various methods to manage your network and explains some useful network features of your Dell machine.

- Supported Basic Network Features
  The print server supports various features depending on the operating system. Use this chart to see what network features and connections are supported by each operating system.

Supported Basic Network Features

The print server supports various features depending on the operating system. Use this chart to see what network features and connections are supported by each operating system.

Operating Systems	**Windows Vista® Windows® 7 Windows® 8**	**Windows Server® 2003/2008/2012/2012 R2**	**OS X v10.8.x OS X v10.9.x OS X v10.10.x**
Printing	Yes	Yes	Yes
Scanning	Yes	Yes	Yes
PC Fax Send	Yes		Yes
Web Based Management	Yes	Yes	Yes
Status Monitor			Yes
Vertical Pairing (Windows® 7 and Windows® 8 only)	Yes		
Dell Printer Hub (Windows® 7 and Windows® 8 only)	Yes		

Select Your Network Connection Type

You must identify your network connection type: wired network connection or wireless network connection.

- Wired Network Connection Examples
  Identify your wired network connection type: Peer-to-Peer or Network Shared environment.
- Wireless Network Connection Examples
  Identify your wireless network connection type: Infrastructure mode, Ad-Hoc mode, or Wi-Fi Direct™ mode.

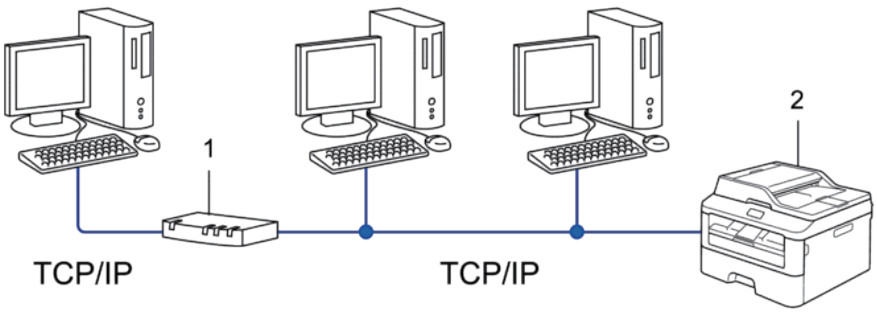
Wired Network Connection Examples

Identify your wired network connection type: Peer-to-Peer or Network Shared environment.

- Peer-to-Peer Printing Using TCP/IP
  In a Peer-to-Peer environment, each computer sends and receives data directly to and from each device. There is no central server controlling file access or printer sharing.
- Network Shared Printing
  In a Network Shared environment, each computer sends data via a centrally controlled computer. This type of computer is often called a "Server" or a "Print Server". Its job is to control all print jobs.

Peer-to-Peer Printing Using TCP/IP

In a Peer-to-Peer environment, each computer sends and receives data directly to and from each device. There is no central server controlling file access or printer sharing.



1. Router
2. Network Machine (your machine)

NOTE: In a smaller network of two or three computers, we recommend the Peer-to-Peer printing method, as it is easier to configure than the Network Shared printing method.

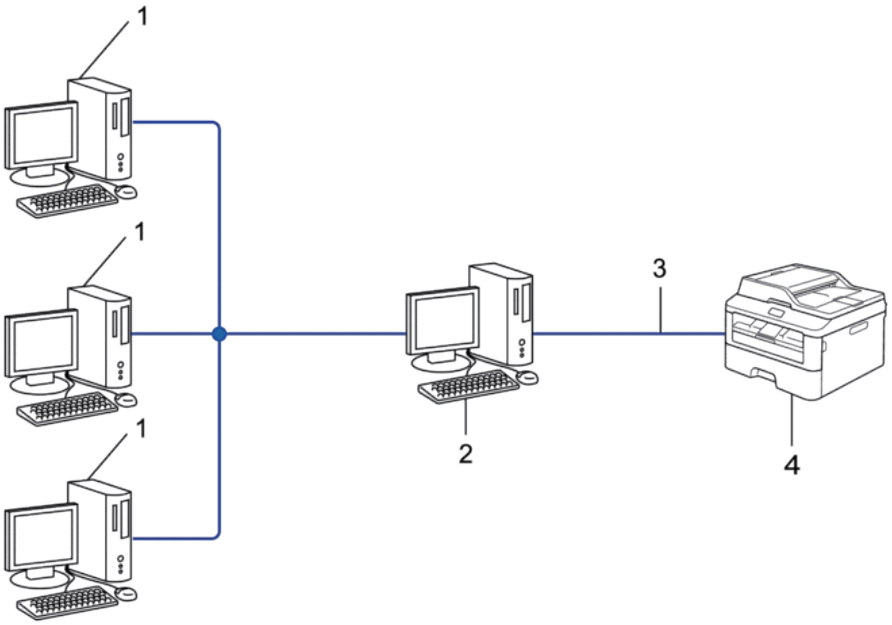
NOTE: Each computer must use the TCP/IP protocol.

NOTE: The Dell machine needs an appropriate IP address configuration.

NOTE: If you are using a router, the Gateway address must be configured on the computers and the Dell machine.

Network Shared Printing

In a Network Shared environment, each computer sends data via a centrally controlled computer. This type of computer is often called a "Server" or a "Print Server". Its job is to control all print jobs.



1. Client Computer
2. Centrally controlled computer, also known as the "Server" or "Print Server"
3. Ethernet Cable or USB
4. Network Machine (your machine)

NOTE: In a larger network, we recommend a Network Shared Printing environment.

NOTE: The "Server" or the "Print Server" must use the TCP/IP protocol.

NOTE: The Dell machine needs to have an appropriate IP address configuration, unless it is connected via the USB interface at the server.

Wireless Network Connection Examples

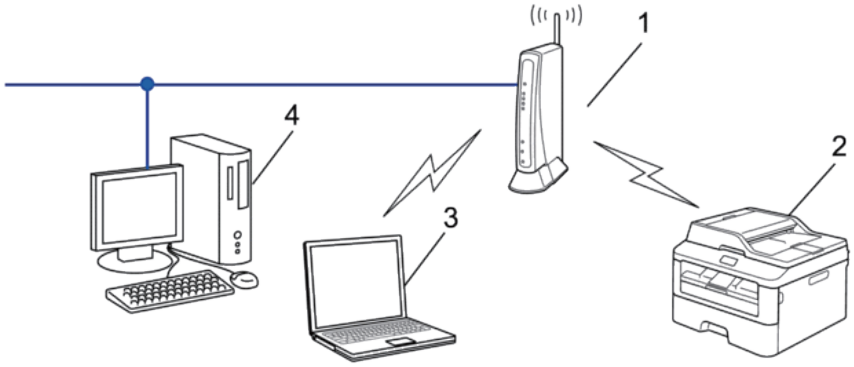
Identify your wireless network connection type: Infrastructure mode, Ad-Hoc mode, or Wi-Fi Direct™ mode.

- Connected to a Computer with a Wireless LAN Access Point Router in the Network (Infrastructure Mode)
  This type of network has a wireless LAN central access point/router at the heart of the network. The access point can also act as a bridge or a gateway to a wired network. When the Dell wireless machine (your machine) is part of this network, it receives all print jobs via an access point.
- Connected to a Wireless Computer without a Wireless LAN Access Point Router in the Network (Ad-Hoc Mode)
  This type of network does not have a central wireless LAN access point/router. Each wireless client communicates directly with each other. When the Dell wireless machine (your machine) is part of this network, it receives all print jobs directly from the computer sending print data.
- Wi-Fi Direct

Connected to a Computer with a Wireless LAN Access Point Router in the Network (Infrastructure Mode)

Related Models:Dell E514dw / Dell E515dw

This type of network has a wireless LAN central access point/router at the heart of the network. The access point can also act as a bridge or a gateway to a wired network. When the Dell wireless machine (your machine) is part of this network, it receives all print jobs via an access point.



1. Wireless LAN Access Point/Router
2. Wireless Network Machine (your machine)
3. Wireless Computer Connected to the Wireless LAN Access Point/Router
4. Wired Computer Connected to the Wireless LAN Access Point/Router with a Network Cable

Configuration Method

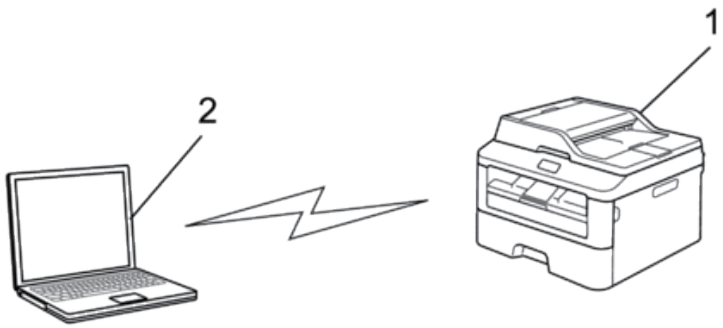
Select one of these methods for configuring your Dell machine in a wireless network environment.

- Wireless Configuration Using the Setup Wizard from the Computer (Recommended)
- Wireless Configuration Using the Setup Wizard from the Control Panel
- One-Push Wireless Configuration Using WPS or AOSS™
- PIN Method Wireless Configuration Using WPS

Connected to a Wireless Computer without a Wireless LAN Access Point Router in the Network (Ad-Hoc Mode)

Related Models:Dell E514dw / Dell E515dw

This type of network does not have a central wireless LAN access point/router. Each wireless client communicates directly with each other. When the Dell wireless machine (your machine) is part of this network, it receives all print jobs directly from the computer sending print data.



1. Wireless Network Machine (your machine)
2. Wireless Computer

We cannot guarantee secure wireless network connections with Windows Server® products in Ad-Hoc mode.

Learn to Use Network Management Utilities

Configure and change your Dell machine's network settings using a management utility.

- Web Based Management

Learn about Network Management Utlilities

- What is Web Based Management?

What is Web Based Management?

Web Based Management is a utility that uses a standard web browser to manage your machine using the Hyper Text Transfer Protocol (HTTP). Type your machine's IP address into your web browser to access and change your print server settings.

NOTE: We recommend Microsoft® Internet Explorer® 8.0/9.0/10.0 for Windows® and Safari 5.0/6.0 for Macintosh. Make sure that JavaScript and Cookies are always enabled in whichever browser you use. If a different web browser is used, make sure it is compatible with HTTP 1.0 and HTTP 1.1.

NOTE: You must use the TCP/IP protocol on your network and have a valid IP address programmed into the print server and your computer.

Access Network Management Software and Utilities

Before using your Dell machine in a network environment, you must install the Dell software and configure the appropriate TCP/IP network settings on the machine itself.
If you do not want to or are unable to use the Dell installer, see *Related Information*.

Access Web Based Management

1. Start your web browser.

2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the machine's IP address).
   For example: http://192.168.1.2

   NOTE: If you are using a Domain Name System or enable a NetBIOS name, you can type another name, such as "SharedPrinter" instead of the IP address.

   - For example:
     http://SharedPrinter

   If you enable a NetBIOS name, you can also use the node name.

   - For example:
     http://DELL000499

   The NetBIOS name can be found in the Network Configuration Report.

   NOTE: For Macintosh, access Web Based Management by clicking the machine's icon on the **Status Monitor** screen.

3. No password is required by default. Type a password if you have set one, and then click .

You can now change the print server settings.
If you have changed the protocol settings, you must restart the machine after clicking **Submit** to activate the configuration.

Set a Logon Password for Web Based Management

We recommend setting a logon password to prevent unauthorized access to Web Based Management.

1. Start your web browser.
2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the machine's IP address).
   For example: http://192.168.1.2

   NOTE: If you are using a Domain Name System or enable a NetBIOS name, you can type another name, such as "SharedPrinter" instead of the IP address.

   - For example:
     http://SharedPrinter

   If you enable a NetBIOS name, you can also use the node name.

   - For example:
     http://DELL000499

   The NetBIOS name can be found in the Network Configuration Report.

   NOTE: For Macintosh, access Web Based Management by clicking the machine's icon on the **Status Monitor** screen.

3. No password is required by default. Type a password if you have set one, and then click .
4. Click **Administrator**.
5. Type the password you want to use (up to 32 characters).
6. Retype the password in the **Confirm New Password** box.

7. Click **Submit**.

In the future, every time you access Web Based Management, type the password in the **Login** box, and then click .

After configuring the settings, log off by clicking .

NOTE: If you are not setting a logon password, you can also set a password by clicking the **Please configure the password** button on the machine's web page.

Locate the Machine's Network Settings

You can change your machine's network settings (IP address, subnet mask, gateway and others) using the control panel or Web Based Management.

- Locate Network Settings When Using the Dell Control Panel
- Locate Network Settings When Using Web Based Management

Locate Network Settings When Using the Dell Control Panel

1. Press **Menu**.
2. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
3. Proceed to the menu selections you want to configure.

Locate Network Settings When Using Web Based Management

1. Start your web browser.
2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the machine's IP address).

   For example: http://192.168.1.2

   NOTE: If you are using a Domain Name System or enable a NetBIOS name, you can type another name, such as "SharedPrinter" instead of the IP address.

   - For example:
     http://SharedPrinter

   If you enable a NetBIOS name, you can also use the node name.

   - For example:
     http://DELL000499

   The NetBIOS name can be found in the Network Configuration Report.

   NOTE: For Macintosh, access Web Based Management by clicking the machine's icon on the **Status Monitor** screen.

3. No password is required by default. Type a password if you have set one, and then click .

You can change the network settings.

If you change the protocol settings, restart the machine after clicking **Submit** to activate the configuration.

Additional Methods of Configuring Your Dell Machine for a Wireless Network

To connect your machine to your wireless network, we recommend using the Installer CD-ROM.

- Before Configuring Your Dell Machine for a Wireless Network
- Configure Your Machine for a Wireless Network Using the One Push Method of Wi-Fi Protected Setup™ (WPS) or AOSS™
- Configure Your Machine for a Wireless Network Using the PIN Method of Wi-Fi Protected Setup™ (WPS)
  If your wireless LAN access point/router supports WPS, you can use the Personal Identification Number (PIN) Method to configure your wireless network settings.
- Configure Your Machine for a Wireless Network in Ad-Hoc Mode (For IEEE 802.11b/g/n)
- Configure Your Machine for a Wireless Network Using the Machine's Control Panel Setup Wizard
- Configure Your Machine for a Wireless Network When the SSID Is Not Broadcast
- Use Wi-Fi Direct™

Before Configuring Your Dell Machine for a Wireless Network

Related Models:Dell E514dw / Dell E515dw

Before attempting to configure a wireless network, confirm the following:

- To achieve optimum results with normal everyday document printing, place the Dell machine as close to the wireless LAN access point/router as possible with minimal obstructions. Large objects and walls between the two devices and interference from other electronic devices can affect the data transfer speed of your documents.
  Due to these factors, wireless may not be the best method of connection for all types of documents and applications. If you are printing large files, such as multi-page documents with mixed text and large graphics, you may want to consider selecting wired Ethernet for faster data transfer, or USB for the fastest throughput speed.
- Although the Dell machine can be used in both a wired and wireless network, only one connection method can be used at a time. However, a wireless network connection and Wi-Fi Direct connection, or a wired network connection (supported models only) and Wi-Fi Direct connection can be used at the same time.
- Before configuring wireless settings, you must know your Network name (SSID) and Network Key.

Configure Your Machine for a Wireless Network Using the One Push Method of Wi-Fi Protected Setup™ (WPS) or AOSS™

Related Models:Dell E514dw / Dell E515dw

If your wireless access point/router supports either WPS (Push Button Configuration) or AOSS™, you can use WPS or AOSS™ from your machine's control panel menu to configure your wireless network settings.

NOTE: Routers or access points that support WPS are marked with this symbol:

NOTE: Routers or access points that support AOSS™ are marked with this symbol:

How to Configure Your Wireless Network Using the One Push Method of WPS or AOSS™

Related Models:Dell E514dw / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to select the `WLAN` option, and then press **OK**.
4. Press ▲ or ▼ to select the `WPS/AOSS` option, and then press **OK**.
5. When `WLAN Enable ?` appears, enable the wireless network.
   This will start the wireless setup wizard.
6. When the LCD shows `Start WPS/AOSS on your wireless access point/router.`, press the WPS or AOSS™ button on your wireless access point/router. Then press **OK** and your machine will now automatically detect which mode (WPS or AOSS™) your wireless access point/router uses and try to connect to your wireless network.

If your wireless device is connected successfully, the machine's LCD displays `Connected`. The machine will print your machine's wireless status report. If the connection fails, check the error code on the printed report.

NOTE: If the connection fails, your machine reverts to a wired network interface.

For Windows®:

You have completed the wireless network setup. Install drivers and software necessary for operating your device from the Installer CD-ROM.

For Macintosh:
You have completed the wireless network setup. Install drivers and software necessary from "StartHereOS X.app" in the installation CD-ROM.

Configure Your Machine for a Wireless Network Using the PIN Method of Wi-Fi Protected Setup™ (WPS)

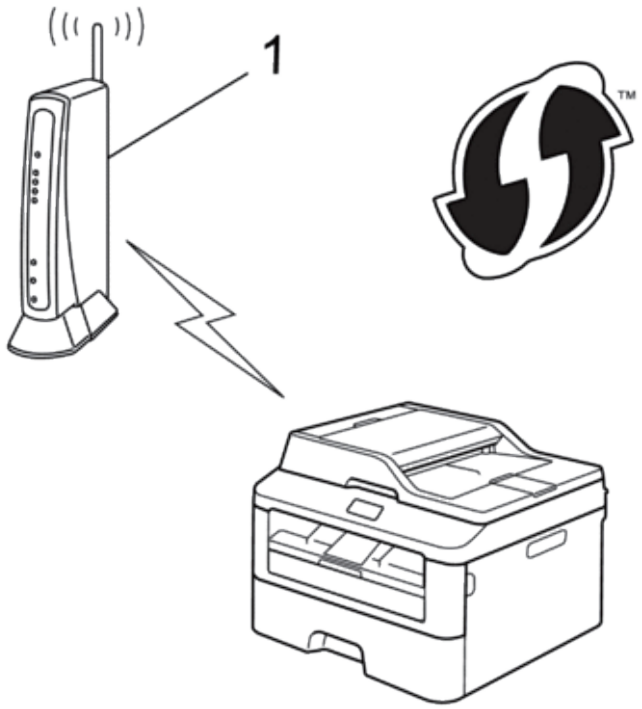
Related Models:Dell E514dw / Dell E515dw
If your wireless LAN access point/router supports WPS, you can use the Personal Identification Number (PIN) Method to configure your wireless network settings.
The PIN Method is one of the connection methods developed by the Wi-Fi Alliance®. By submitting a PIN created by an Enrollee (your machine) to the Registrar (a device that manages the wireless LAN), you can set up the wireless network and security settings. For more information on how to access WPS mode, see the instructions provided with your wireless access point/router.

Two Wireless Network Connection Types Using the PIN Method of Wi-Fi Protected Setup™ (WPS)

Related Models:Dell E514dw / Dell E515dw

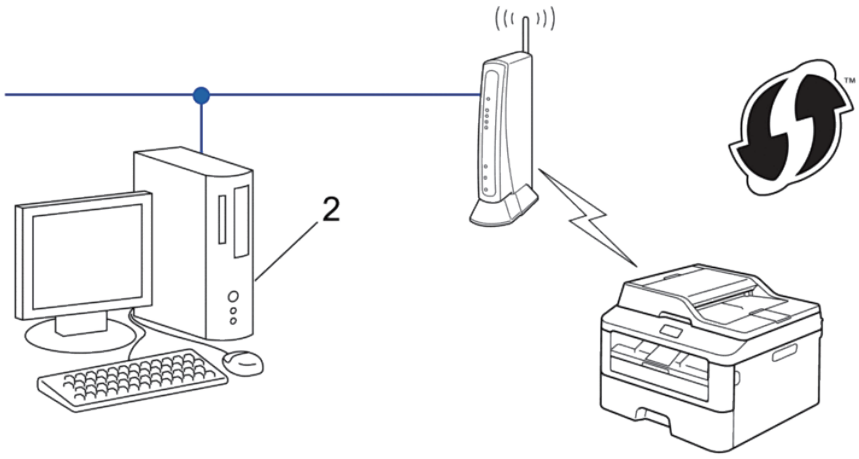
Type A

Connection when the wireless LAN access point/router (1) doubles as Registrar.



Type B

Connection when another device (2), such as a computer, is used as Registrar.



NOTE: Routers or access points that support WPS are marked with this symbol:

How to Configure Your Wireless Network Using the PIN Method of Wi-Fi Protected Setup™ (WPS)

Related Models:Dell E514dw / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to select the `WLAN` option, and then press **OK**.
4. Press ▲ or ▼ to select the `WPS w/PIN Code` option, and then press **OK**.
5. When `WLAN Enable ?` appears, enable the wireless network.
   This will start the wireless setup wizard.
6. The LCD displays an eight-digit PIN and the machine starts searching for a wireless LAN access point/router.
7. Using a computer that is on the network, type "http://access point's IP address" in your browser (where "access point's IP address" is the IP address of the device that is used as the Registrar).
8. Go to the WPS setting page and type the PIN, and then follow the on-screen instructions.

NOTE: The Registrar is usually the wireless LAN access point/router.

NOTE: The setting page will differ depending on the brand of wireless LAN access point/router. For more information, see the instructions supplied with your wireless LAN access point/router.

If you are using a Windows Vista®, Windows® 7, or Windows® 8 computer as a Registrar, complete the following steps:

9. Do one of the following:
   - (Windows Vista®)

     Click **(Start) > Network > Add a wireless device**.
   - (Windows® 7)

     Click **(Start) > Devices and Printers > Add a device**.
   - (Windows® 8)

     Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Control Panel > Hardware and Sound > Devices and Printers > Add a device**.

   NOTE: To use a Windows Vista®, Windows® 7, or Windows® 8 computer as a Registrar, you must register it to your network in advance. For more information, see the instructions supplied with your wireless LAN access point/router.

   NOTE: If you use Windows® 7 or Windows® 8 as a Registrar, you can install the printer driver after the wireless configuration by following the on-screen instructions. To install the full driver and software package, use the Dell installer on the Installer CD-ROM.
10. Select your machine and click **Next**.
11. Type the PIN displayed on the machine's LCD, and then click **Next**.
12. Select your network, and then click **Next**.
13. Click **Close**.

If your wireless device is connected successfully, the machine's LCD displays `Connected`. The machine will print your machine's wireless status report. If the connection fails, check the error code on the printed report.

NOTE: If the connection fails, your machine reverts to a wired network interface.

For Windows®:
You have completed the wireless network setup. Install drivers and software necessary for operating your device from the Installer CD-ROM.
For Macintosh:
You have completed the wireless network setup. Install drivers and software necessary from "StartHereOS X.app" in the installation CD-ROM.

Configure Your Machine for a Wireless Network in Ad-Hoc Mode (For IEEE 802.11b/g/n)

- Configure Your Machine for a Wireless Network in Ad-Hoc Mode Using a New SSID

  If you are using a new SSID, all other devices will connect using the SSID you assign to your Dell machine in the

following steps. You must connect to this SSID from your computer when it is configured for Ad-Hoc mode.

- Configure Your Machine for a Wireless Network in Ad-Hoc Mode Using an Existing SSID
  If you are trying to pair your Dell machine to a computer that is already in Ad-Hoc mode and has a configured SSID, use these instructions.
- Connected to a Wireless Computer without a Wireless LAN Access Point Router in the Network (Ad-Hoc Mode)
  This type of network does not have a central wireless LAN access point/router. Each wireless client communicates directly with each other. When the Dell wireless machine (your machine) is part of this network, it receives all print jobs directly from the computer sending print data.

Configure Your Machine for a Wireless Network in Ad-Hoc Mode Using a New SSID

Related Models:Dell E514dw / Dell E515dw

If you are using a new SSID, all other devices will connect using the SSID you assign to your Dell machine in the following steps. You must connect to this SSID from your computer when it is configured for Ad-Hoc mode.

1. Press **Menu**.
2. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to select the `WLAN` option, and then press **OK**.
4. Press ▲ or ▼ to select the `Setup Wizard` option, and then press **OK**.
5. When `WLAN Enable ?` appears, enable the wireless network.
   This will start the wireless setup wizard.
6. The machine will search for your network and display a list of available SSIDs. Press ▲ or ▼ to select the `<New SSID>` option, and then press **OK**.
7. Enter the SSID name, and then press **OK**.
8. Press ▲ or ▼ to select the `Ad-hoc` option, and then press **OK**.
9. Press ▲ or ▼ to select the Encryption Type `None` or `WEP`, and then press **OK**.
10. If you selected the `WEP` option for Encryption Type, enter the WEP key, and then press **OK**.

    NOTE: Your Dell machine supports the use of the first WEP key only.

11. To apply the settings, select `Yes`. To cancel, select `No`.
12. The machine will attempt to connect to the wireless device you have selected.

If your wireless device is connected successfully, the machine's LCD displays `Connected`. The machine will print your machine's wireless status report. If the connection fails, check the error code on the printed report.

NOTE: If the connection fails, your machine reverts to a wired network interface.

For Windows®:

You have completed the wireless network setup. Install drivers and software necessary for operating your device from the Installer CD-ROM.

For Macintosh:

You have completed the wireless network setup. Install drivers and software necessary from "StartHereOS X.app" in the installation CD-ROM.

Configure Your Machine for a Wireless Network in Ad-Hoc Mode Using an Existing SSID

Related Models:Dell E514dw / Dell E515dw

If you are trying to pair your Dell machine to a computer that is already in Ad-Hoc mode and has a configured SSID, use these instructions.

Before configuring your machine, we recommend writing down your wireless network settings. You will need this information before you continue with the configuration.

---

1. **Check and record the current wireless network settings of the computer to which you are connecting.**

   NOTE: The wireless network settings of the computer you are connecting with must be set to Ad-Hoc mode with an SSID already configured. For more information on how to configure your computer in Ad-Hoc mode, see the instructions included with your computer or contact your network administrator.

Network Name (SSID)

Communication Mode	Encryption Mode	Network Key
Ad-Hoc	NONE	-
	WEP	

   For example:

Network Name (SSID)
HELLO

Communication Mode	Encryption Mode	Network Key
Ad-Hoc	WEP	12345

   NOTE: Your Dell machine supports the use of the first WEP key only.

2. **Press Menu.**
3. **Press ▲ or ▼ to select the `Network` option, and then press OK.**
4. **Press ▲ or ▼ to select the `WLAN` option, and then press OK.**
5. **Press ▲ or ▼ to select the `Setup Wizard` option, and then press OK.**
6. **When `WLAN Enable ?` appears, enable the wireless network.**
   This will start the wireless setup wizard.
7. **The machine will search for your network and display a list of available SSIDs. When a list of SSIDs appears, press ▲ or ▼ to select the SSID you want.**
8. **Press OK.**
9. **Enter the WEP key, and then press OK.**
   To apply the settings, select `Yes`, and then press OK. To cancel, select `No`.

   NOTE: Your Dell machine supports the use of the first WEP key only.

10. **The machine will attempt to connect to the wireless device you have selected.**

If your wireless device is connected successfully, the machine's LCD displays `Connected`. The machine will print

your machine's wireless status report. If the connection fails, check the error code on the printed report.

NOTE: If the connection fails, your machine reverts to a wired network interface.

For Windows®:
You have completed the wireless network setup. Install drivers and software necessary for operating your device from the Installer CD-ROM.
For Macintosh:
You have completed the wireless network setup. Install drivers and software necessary from "StartHereOS X.app" in the installation CD-ROM.

Configure Your Machine for a Wireless Network Using the Machine's Control Panel Setup Wizard

Related Models:Dell E514dw / Dell E515dw

Before configuring your machine, we recommend writing down your wireless network settings. You will need this information before you continue with the configuration.

---

1. **Check and record the current wireless network settings of the computer to which you are connecting.**

Network Name (SSID)

Network Key

For example:

Network Name (SSID)
HELLO

Network Key
12345

NOTE: Your access point/router may support the use of multiple WEP keys, however your Dell machine supports the use of the first WEP key only.

NOTE: If you need assistance during setup and want to contact Dell Customer Service, make sure you have your SSID (Network Name) and Network Key ready. We cannot assist you in locating this information.

NOTE: If you do not know this information (SSID and Network Key), you cannot continue the wireless setup.

How can I find this information?

- Check the documentation provided with your wireless access point/router.
- The initial SSID could be the manufacturer's name or the model name.
- If you do not know the security information, please consult the router manufacture, your system administrator, or your Interner provider.

2. Press **Menu**.

3. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
4. Press ▲ or ▼ to select the `WLAN` option, and then press **OK**.
5. Press ▲ or ▼ to select the `Setup Wizard` option, and then press **OK**.
6. When `WLAN Enable ?` appears, enable the wireless network.
   This will start the wireless setup wizard.
7. The machine will search for your network and display a list of available SSIDs. When a list of SSIDs appears, press ▲ or ▼ to select the SSID you want.
8. Press **OK**.
9. Do one of the following:
   - If you are using an authentication and encryption method that requires a Network Key, enter the Network Key you wrote down in the first step.
     Enter the WEP key, and then press **OK** to apply your settings.
     To apply the settings, select `Yes`. To cancel, select `No`.
   - If your authentication method is Open System and your encryption mode is None, go to the next step.
   - If your WLAN access point/router supports WPS, `WPS is available` appears. To connect your machine using the automatic wireless mode, press ▲ . (If you choose `No`, enter the Network Key you wrote down in the first step.) When `Press WPS on rtr` appears, press the WPS button on your WLAN access point/router, and then press ▲ twice.
10. The machine attempts to connect to the wireless device you have selected.

If your wireless device is connected successfully, the machine's LCD displays `Connected`. The machine will print your machine's wireless status report. If the connection fails, check the error code on the printed report.

NOTE: If the connection fails, your machine reverts to a wired network interface.

For Windows®:
You have completed the wireless network setup. Install drivers and software necessary for operating your device from the Installer CD-ROM.
For Macintosh:
You have completed the wireless network setup. Install drivers and software necessary from "StartHereOS X.app" in the installation CD-ROM.

Configure Your Machine for a Wireless Network When the SSID Is Not Broadcast

Related Models:Dell E514dw / Dell E515dw

Before configuring your machine, we recommend writing down your wireless network settings. You will need this information before you continue with the configuration.

---

1. Check and record the current wireless network settings.

Network Name (SSID)

Communication Mode	Authentication Method	Encryption Mode	Network Key

Infrastructure	Open System	NONE	-
		WEP	
	Shared Key	WEP	
	WPA/WPA2-PSK	AES	
		TKIP (TKIP is supported for WPA-PSK only.)	

For example:

Network Name (SSID)
HELLO

Communication Mode	**Authentication Method**	**Encryption Mode**	**Network Key**
Infrastructure	WPA2-PSK	AES	12345678

NOTE: If your router uses WEP encryption, enter the key used as the first WEP key. Your Dell machine supports the use of the first WEP key only.

2. Press **Menu**.
3. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
4. Press ▲ or ▼ to select the `WLAN` option, and then press **OK**.
5. Press ▲ or ▼ to select the `Setup Wizard` option, and then press **OK**.
6. When `WLAN Enable ?` appears, enable the wireless network.
   This will start the wireless setup wizard.
7. The machine will search for your network and display a list of available SSIDs. Press ▲ or ▼ to select the `<New SSID>` option, and then press **OK**.
8. Enter the SSID name, and then press **OK**.
9. Press ▲ or ▼ to select the `Infrastructure` option, and then press **OK**.
10. Press ▲ or ▼ to select the Authentication Method you want, and then press **OK**.
11. Do one of the following:
    - If you selected the `Open System` option, press ▲ or ▼ to select the Encryption Type `None` or `WEP`, and then press **OK**.
      If you selected the `WEP` option for Encryption Type, enter the WEP key, and then press **OK**.
    - If you selected the `Shared Key` option, enter the WEP key, and then press **OK**.
    - If you selected the `WPA/WPA2-PSK` option, press ▲ or ▼ to select the Encryption Type `TKIP+AES` or `AES`, and then press **OK**.
      Enter the WPA key, and then press **OK**.

    NOTE: Your Dell machine supports the use of the first WEP key only.
12. To apply the settings, select `Yes`. To cancel, select `No`.
13. The machine will attempt to connect to the wireless device you have selected.

If your wireless device is connected successfully, the machine's LCD displays `Connected`. The machine will print your machine's wireless status report. If the connection fails, check the error code on the printed report.

NOTE: If the connection fails, your machine reverts to a wired network interface.

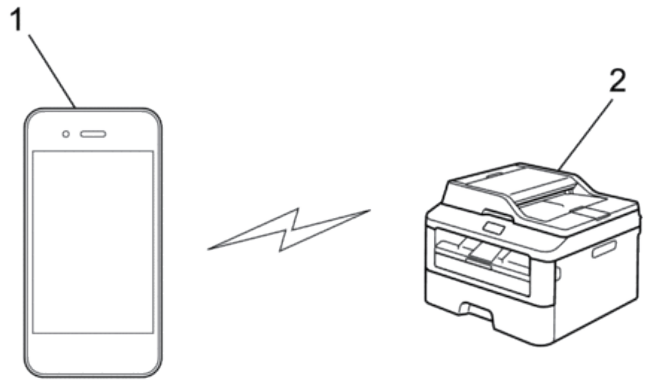
For Windows®:
You have completed the wireless network setup. Install drivers and software necessary for operating your device from the Installer CD-ROM.
For Macintosh:
You have completed the wireless network setup. Install drivers and software necessary from "StartHereOS X.app" in the installation CD-ROM.

Use Wi-Fi Direct™

- Print or Scan from Your Mobile Device Using Wi-Fi Direct
- Mobile Printing
- Configure Your Wi-Fi Direct Network
  Configure your Wi-Fi Direct network settings from your machine's control panel.
- I Cannot Complete the Wireless Network Setup Configuration.

Print or Scan from Your Mobile Device Using Wi-Fi Direct

Related Models:Dell E514dw / Dell E515dw
Wi-Fi Direct is one of the wireless configuration methods developed by the Wi-Fi Alliance®. It allows you to configure a secured wireless network between your Dell machine and a mobile device, such as an Android™ device, Windows® Phone device, iPhone, iPod touch, or iPad, without using an access point. Wi-Fi Direct supports wireless network configuration using the one-push or PIN Method of Wi-Fi Protected Setup™ (WPS). You can also configure a wireless network by manually setting an SSID and password. Your Dell machine's Wi-Fi Direct feature supports WPA2™ security with AES encryption.



1. Mobile device
2. Your Dell machine

NOTE: Although the Dell machine can be used in both a wired and wireless network, only one connection method can

be used at a time. However, a wireless network connection and Wi-Fi Direct connection, or a wired network connection (supported models only) and Wi-Fi Direct connection can be used at the same time.

NOTE: The Wi-Fi Direct-supported device can become a Group Owner (G/O). When configuring the Wi-Fi Direct network, the G/O serves as an access point.

Mobile Printing

Your Dell machine supports printing from a variety of mobile devices. Easy to use and navigate, the application for Mobile Printing enables direct printing of photos, documents, web content and more, on supported Dell printers via Wi-Fi or Ethernet network.

For Android™ Devices

Download the Dell Document Hub app for free from Google Play™. Easy to use and navigate, the Dell Document Hub app enables direct printing of photos, documents web content and more, to supported Dell printers on a Wi-Fi, Wi-Fi Direct, or Ethernet network.

Scan the QR Code® for quick access to the relevant application store.

For iOS Devices

This printer is compatible with AirPrint.This printer is also compatible with Dell Document Hub App, available for free download from App Store.

Scan the QR Code for quick access to the relevant application store.

Configure Your Wi-Fi Direct Network

Configure your Wi-Fi Direct network settings from your machine's control panel.

- Step-by-step Guide for Wi-Fi Direct Network Configuration

The following instructions offer five methods for configuring your Dell machine in a wireless network environment. Select the method you prefer for your environment.

- Configure Your Wi-Fi Direct Network Using the One-Push Method
- Configure Your Wi-Fi Direct Network Using the One-Push Method of Wi-Fi Protected Setup™ (WPS)
- Configure Your Wi-Fi Direct Network Using the PIN Method
- Configure Your Wi-Fi Direct Network Using the PIN Method of Wi-Fi Protected Setup™ (WPS)
- Configure Your Wi-Fi Direct Network Manually

Step-by-step Guide for Wi-Fi Direct Network Configuration

Related Models:Dell E514dw / Dell E515dw

The following instructions offer five methods for configuring your Dell machine in a wireless network environment. Select the method you prefer for your environment.

Check your mobile device for configuration.

1. **Does your mobile device support Wi-Fi Direct?**

Option	Description
Yes	Go to Step 2
No	Go to Step 3

2. **Does your mobile device support one-push configuration for Wi-Fi Direct?**

Option	Description
Yes	See *Related Information*: Configure Your Wi-Fi Direct Network Using the One-Push Method
No	See *Related Information*: Configure Your Wi-Fi Direct Network Using the PIN Method

3. **Does your mobile device support Wi-Fi Protected Setup™ (WPS)?**

Option	Description
Yes	Go to Step 4
No	See *Related Information*: Configure Your Wi-Fi Direct Network Manually

4. **Does your mobile device support one-push configuration for Wi-Fi Protected Setup™ (WPS)?**

Option	Description
Yes	See *Related Information*: Configure Your Wi-Fi Direct Network Using the One-Push Method and Wi-Fi Protected Setup™ (WPS)
No	See *Related Information*: Configure Your Wi-Fi Direct Network Using the PIN Method of Wi-Fi Protected Setup™ (WPS)

To use Mobile Printing functionality in a Wi-Fi Direct network configured by one-push configuration using Wi-Fi Direct or by PIN Method configuration using Wi-Fi Direct, the device you use to configure Wi-Fi Direct must be running Android™ 4.0 or greater.

Configure Your Wi-Fi Direct Network Using the One-Push Method

Related Models:Dell E514dw / Dell E515dw

If your mobile device supports Wi-Fi Direct, follow these steps to configure a Wi-Fi Direct network:

1. Press **Menu**.
2. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to select the `Wi-Fi Direct` option, and then press **OK**.
4. Press ▲ or ▼ to select the `Push Button` option, and then press **OK**.
5. When `Wi-Fi Direct On?` appears, enable the Wi-Fi Direct network.
6. Activate Wi-Fi Direct on your mobile device (see your mobile device's user's guide for instructions) when `Activate Wi-Fi Direct on other device and press OK.` appears on the machine's LCD. Press **OK** on your machine.
   This will start the Wi-Fi Direct setup. To cancel, press **Clear**.
7. Do one of the following:
   - When your Dell machine is the Group Owner (G/O), connect your mobile device to the machine directly.
   - When your Dell machine is not the G/O, it will display available device names with which to configure a Wi-Fi Direct network. Press ▲ or ▼ to select the mobile device you want to connect to and press **OK**. Search for available devices again by pressing `Rescan`.
8. If your mobile device connects successfully, the machine's LCD displays `Connected`. You have completed the Wi-Fi Direct network setup.

Configure Your Wi-Fi Direct Network Using the One-Push Method of Wi-Fi Protected Setup™ (WPS)

Related Models:Dell E514dw / Dell E515dw

If your mobile device supports WPS (PBC; Push Button Configuration), follow these steps to configure a Wi-Fi Direct network:

1. Press **Menu**.
2. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to select the `Wi-Fi Direct` option, and then press **OK**.
4. Press ▲ or ▼ to select the `Group Owner` option, and then press **OK**.
5. Press ▲ or ▼ to select the `On` option, and then press **OK**.
6. Press ▲ or ▼ to select the `Push Button` option, and then press **OK**.
7. When `Wi-Fi Direct On?` appears, enable the Wi-Fi Direct network.
8. Activate your mobile device's WPS one-push configuration method (see your mobile device's user's guide for instructions) when `Activate Wi-Fi Direct on other device and press OK.` appears on the machine's LCD. Press **OK** on your machine.
   This will start the Wi-Fi Direct setup. To cancel, press **Clear**.
9. If your mobile device connects successfully, the machine's LCD displays `Connected`. You have completed the Wi-Fi Direct network setup.

Configure Your Wi-Fi Direct Network Using the PIN Method

Related Models:Dell E514dw / Dell E515dw

If your mobile device supports the PIN Method of Wi-Fi Direct, follow these steps to configure a Wi-Fi Direct network:

1. Press **Menu**.
2. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to select the `Wi-Fi Direct` option, and then press **OK**.
4. Press ▲ or ▼ to select the `PIN Code` option, and then press **OK**.
5. When `Wi-Fi Direct On?` appears, enable the Wi-Fi Direct network.
6. Activate Wi-Fi Direct on your mobile device (see your mobile device's user's guide for instructions) when `Activate Wi-Fi Direct on other device and press OK.` appears on the machine's LCD. Press **OK** on your machine.
   This will start the Wi-Fi Direct setup. To cancel, press **Clear**.
7. Do one of the following:
   - When your machine is the Group Owner (G/O), it will wait for a connection request from your mobile device. When `Input PIN Code` appears, enter the PIN displayed on your mobile device in your machine. Press **OK** to complete the setup.
     If the PIN is displayed on your machine, enter the PIN in your mobile device.
   - When your machine is not the G/O, it will display available device names with which to configure a Wi-Fi Direct network. Press ▲ or ▼ to select the mobile device you want to connect to and press **OK**. Search for available devices again by pressing `Rescan`.
8. Do one of the following:
   - Follow the machine's instruction to display the PIN on your machine, enter the PIN in your mobile device, and then go to the next step.
   - Follow the machine's instruction to enter the PIN displayed by your mobile device in your machine. Press **OK**, and then go to the next step.
     If your mobile device does not display a PIN, press **Cancel** on your machine. Go back to the first step and try again.
9. If your mobile device connects successfully, the machine's LCD displays `Connected`. You have completed the Wi-Fi Direct network setup.

Configure Your Wi-Fi Direct Network Using the PIN Method of Wi-Fi Protected Setup™ (WPS)

Related Models:Dell E514dw / Dell E515dw

If your mobile device supports the PIN Method of Wi-Fi Protected Setup™ (WPS), follow these steps to configure a Wi-Fi Direct network.

1. Press **Menu**.
2. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to select the `Wi-Fi Direct` option, and then press **OK**.

4. Press ▲ or ▼ to select the `Group Owner` option, and then press **OK**.
5. Press ▲ or ▼ to select the `On` option, and then press **OK**.
6. Press ▲ or ▼ to select the `PIN Code` option, and then press **OK**.
7. When `Wi-Fi Direct On?` appears, enable the Wi-Fi Direct network.
8. Activate your mobile device's WPS PIN configuration method (see your mobile device's user's guide for instructions) when `Activate Wi-Fi Direct on other device and press OK.` appears on the machine's LCD. Press **OK** on your machine.
   This will start the Wi-Fi Direct setup. To cancel, press **Clear**.
9. The machine will wait for a connection request from your mobile device. When `Input PIN Code` appears, enter the PIN displayed on your mobile device in the machine.
10. Press **OK**.
11. If your mobile device connects successfully, the machine's LCD displays `Connected`. You have completed the Wi-Fi Direct network setup.

Configure Your Wi-Fi Direct Network Manually

Related Models:Dell E514dw / Dell E515dw

If your mobile device does not support Wi-Fi Direct or WPS, you must configure a Wi-Fi Direct network manually.

1. Press **Menu**.
2. Press ▲ or ▼ to select the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to select the `Wi-Fi Direct` option, and then press **OK**.
4. Press ▲ or ▼ to select the `Manual` option, and then press **OK**.
5. When `Wi-Fi Direct On?` appears, enable the Wi-Fi Direct network.
6. The machine will display the SSID name and Password for two minutes. Go to your mobile device's wireless network settings screen and enter the SSID name and password.
7. If your mobile device connects successfully, the machine's LCD displays `Connected`. You have completed the Wi-Fi Direct network setup.

Advanced Network Features

- Print the Network Configuration Report
  The Network Configuration Report lists the current network configuration, including the network print server settings.
- Configure Your Mail Server Settings Using Web Based Management
  Use Web Based Management to configure your Dell machine to connect with your mail server.
- Configure the Dell Machine for Email or I-Fax
- I-Fax Options
- Use the Send Fax to Server Feature
- Synchronize Time with the SNTP Server Using Web Based Management
  The Simple Network Time Protocol (SNTP) is used to synchronize the time used by the machine for

authentication with the SNTP time server. (This is not the time displayed on the machine's LCD.) You can automatically or manually synchronize the machine's time with the Coordinated Universal Time (UTC) provided by the SNTP time server.

Print the Network Configuration Report

The Network Configuration Report lists the current network configuration, including the network print server settings.

NOTE: Node Name: The Node Name appears on the current Network Configuration Report. The default Node Name is "DELLxxxxxx" (where "xxxxxx" is your machine's MAC Address / Ethernet Address.)

NOTE: If the `IP Address` on the Network Configuration Report shows 0.0.0.0, wait for one minute and try printing it again.

NOTE: You can find your machine's settings, such as IP address, subnet mask, node name, and MAC Address on the report, for example:

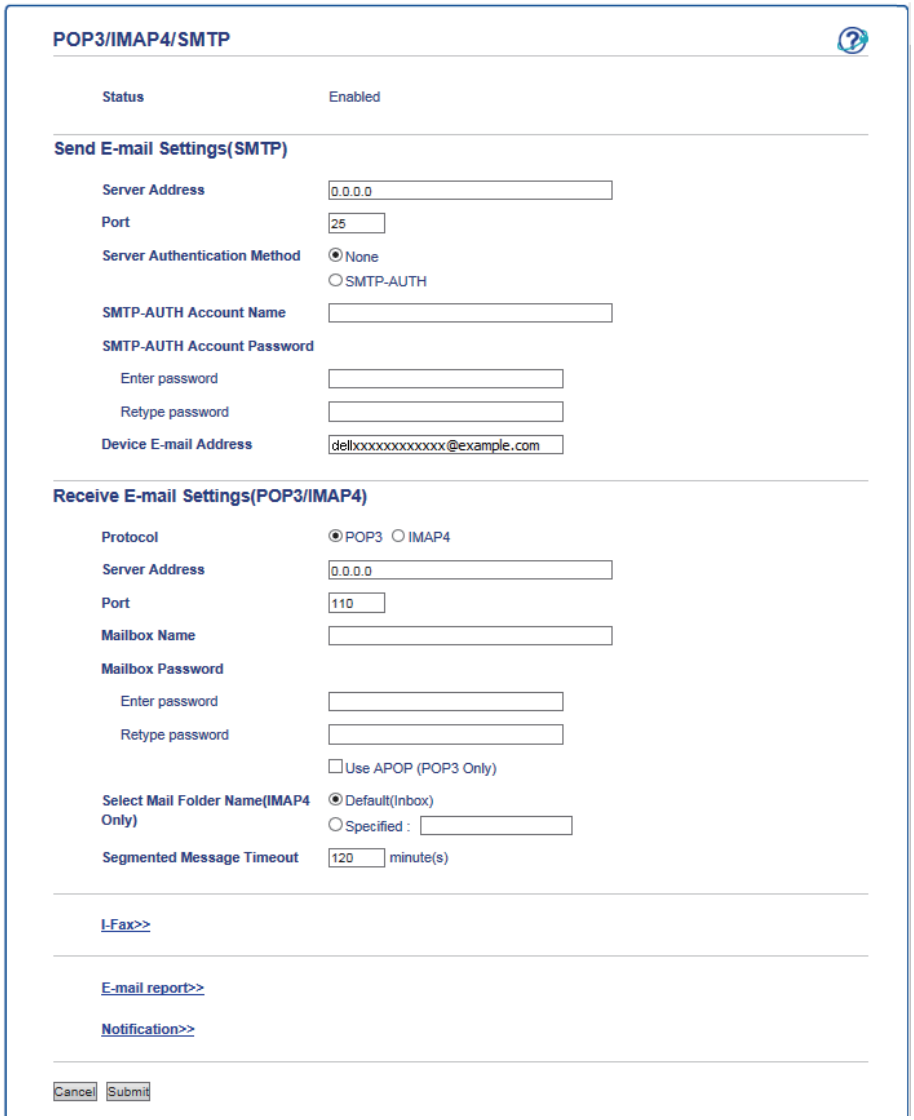
- IP address: 192.168.0.5
- Subnet mask: 255.255.255.0
- Node name: DELL000499
- MAC Address: 00-0c-a0-00-04-99

1. Press **Menu**.
2. Do one of the following:
   - Dell E515dn/E515dw
     Press ▲ or ▼ to display the `Print Reports` option, and then press **OK**.
   - Dell E514dw
     Press ▲ or ▼ to display the `Machine Info.` option, and then press **OK**.
3. Press ▲ or ▼ to select the `Network Config` option, and then press **OK**.
4. Press **Start**.

Configure Your Mail Server Settings Using Web Based Management

Use Web Based Management to configure your Dell machine to connect with your mail server.

1. Start your web browser.
2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the machine's IP address).
   For example: http://192.168.1.2
3. No password is required by default. Type a password if you have set one, and then click .
4. Click the **Network** tab.
5. Click **Protocol** in the left navigation bar.
6. In the **POP3/IMAP4/SMTP** field, click **Advanced Setting** and make sure the **Status** is **Enabled**.



7. Select the mail server you want to configure.
8. Enter the necessary settings for the mail server you have selected.

   NOTE: If you select the **IMAP4** option, you must enter the full path of the mail folder using single byte characters only, and then enter "Inbox" for the root mail folder.

9. Click **Submit**.

Configure the Dell Machine for Email or I-Fax

Related Models:Dell E515dn / Dell E515dw

Before using I-Fax, configure your Dell machine to communicate with your network and mail server. You can configure these items using the machine's control panel or Web Based Management. Make sure the following items are configured on your machine:

- IP address (If you are already using your machine on your network, the machine's IP address has been configured

correctly.)

- Email address
- SMTP, POP3, IMAP4 server address/port/Authentication method
- Mailbox name and password

If you are unsure of any of these items, contact your system administrator.

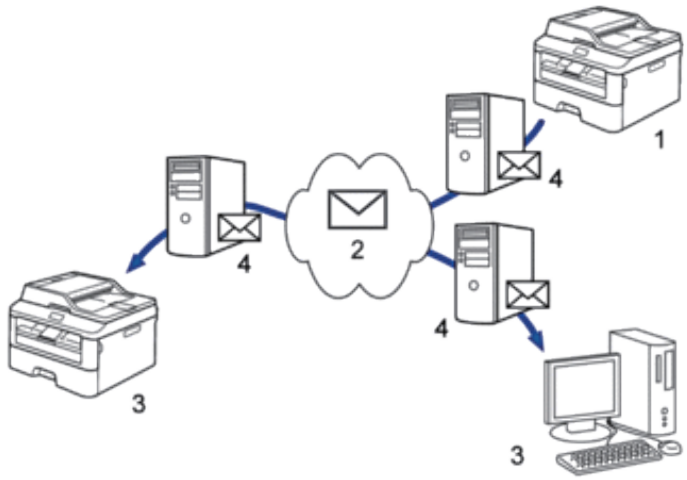
Fax Using the Internet (I-Fax)

Related Models:Dell E515dn / Dell E515dw

With Dell's I-Fax program, you can send and receive fax documents using the Internet as the transport mechanism. Documents are transmitted in email messages as attached TIFF-F files. Your computer can send and receive documents as long as it has an application that can generate and view TIFF-F files. You can use any TIFF-F viewer application. Documents sent via the machine will be converted into a TIFF-F format automatically. If you want to send and receive messages to and from your machine, your computer's email application must support Multipurpose Internet Mail Extensions (MIME).

(Dell E515dn/Dell E515dw)

To use this function, go to the download page on the Dell website at http://www.dell.com/ to download the I-Fax Install Tool.



1. Sender
2. Internet
3. Receiver
4. Email server

NOTE: I-Fax supports sending and receiving documents in Letter or A4 format and in black and white only.

Important Information about I-Fax

Related Models:Dell E515dn / Dell E515dw

I-Fax communication on a LAN is very similar to communication via email; however, it is different from fax communication using standard phone lines. The following is important information for using I-Fax:

- Factors such as the receiver's location, structure of the LAN and how busy the circuit (such as the Internet) is

may cause the system to take a longer time than usual to send an error mail.

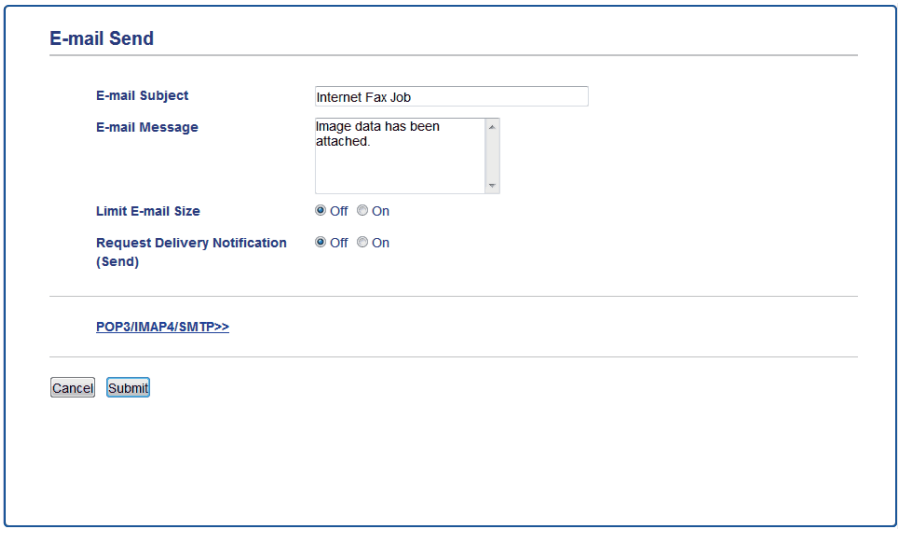
- When sending confidential documents, we recommend using standard phone lines instead of the Internet (due to its low level of security).
- If the receiver's mail system is not MIME-compatible, you cannot use I-Fax to send documents. If possible, find out in advance, and note that some servers will not send an error reply.
- If a document is too large to send via I-Fax, it may not reach the receiver.
- You cannot change the font or size of the text in any Internet mail you receive.

Initial Setup for Email or I-Fax

Related Models:Dell E515dn / Dell E515dw

Before sending your I-Fax, use the control panel or Web Based Management to configure the following optional items:

- **E-mail Subject**
- **Limit E-mail Size**
- **Request Delivery Notification (Send)**



If you are unsure of any of these items, contact your system administrator.

Send an I-Fax

Related Models:Dell E515dn / Dell E515dw

Sending an I-Fax is like sending a normal fax. Make sure that your recipient's information is saved in your email address book, and load the document you want to I-Fax into your Dell machine.

NOTE: If the computer to which you want to send a document is not running Windows Server® 2003/2008/2012/2012 R2, Windows Vista®, Windows® 7, or Windows® 8, ask the computer's owner to install software that can view TIFF-F files.

NOTE: To send multiple pages, use the ADF.

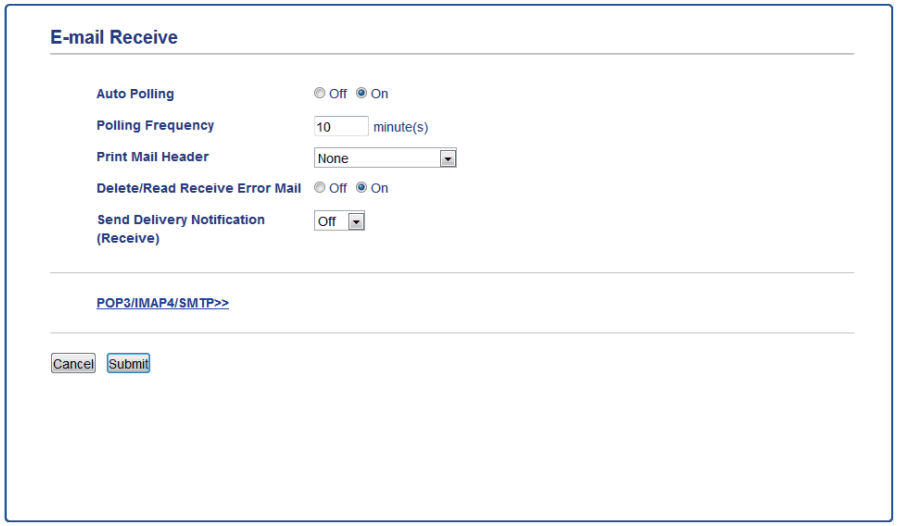
1. Press **(Fax)**.
2. Load your document.
3. To change the fax-sending settings, Press ▲ or ▼ to display the `Setup Send` option, and then press **OK**. When you have finished changing settings, press **OK**.
4. Select a Speed Dial or One Touch number.
5. Press **Start**.
   The machine starts scanning. After the document is scanned, it is transmitted to the recipient via your SMTP server. You can cancel the send operation by pressing **Cancel** during scanning. When the transmission is finished, the machine will enter standby mode.

How Your Dell Machine Receives an Email or I-Fax

Related Models:Dell E515dn / Dell E515dw

When your Dell machine receives an incoming I-Fax, it will print the I-Fax automatically. To receive an I-Fax, we recommend using the control panel or Web Based Management to configure the following optional items:

- **Auto Polling**
- **Polling Frequency**
- **Print Mail Header**
- **Delete/Read Receive Error Mail**
- **Send Delivery Notification (Receive)**



There are two ways you can receive email messages:

- POP3/IMAP4 receiving at regular intervals
- POP3/IMAP4 receiving, manually initiated

When using POP3/IMAP4 receiving, the machine polls your email server to receive data. Polling can occur at set intervals (for example, you can configure the machine to poll the email server every ten minutes) or you can manually poll the server.

NOTE: If your machine starts to receive email data, the LCD displays `Receiving`.The email will print automatically.

NOTE: If your machine is out of paper when receiving data, the received data will be held in the machine's memory. This data will be printed automatically after paper is reloaded in the paper tray.

NOTE: When the machine's Temporary Fax Backup Function is turned on, received data will be stored for a certain period of time.

NOTE: If the received mail is not in a plain text format, or an attached file is not in the TIFF-F format, the error message **"ATTACHED FILE FORMAT NOT SUPPORTED"** will be printed.

NOTE: If the received mail is too large, the error message **"E-MAIL FILE TOO LARGE"** will be printed.

NOTE: If **Delete/Read Receive Error Mail** is **On** (default), then the error mail will be deleted from the email server automatically.

Poll the Server Manually

Related Models:Dell E515dn / Dell E515dw

1. On your Dell machine's control panel, press **Shift** and **Start** at the same time.
2. The LCD displays `Receiving` and your machine will print the data from the email server.

How Your Computer Receives an I-Fax

Related Models:Dell E515dn / Dell E515dw

When your computer receives an I-Fax, you will receive an email in your email application. The incoming I-Fax is attached to an email message that notifies you in its **Subject** line that your email server has received an I-Fax. You can either wait for your Dell machine to poll the email server, or you can manually poll the email server to receive the incoming data.

Forward Received Email and Fax Messages

Related Models:Dell E515dn / Dell E515dw

Use Dell I-Fax Feature to forward email or standard fax messages to another computer, to a fax machine, or to another I-Fax machine. Enable the Forwarding feature using your machine's control panel.

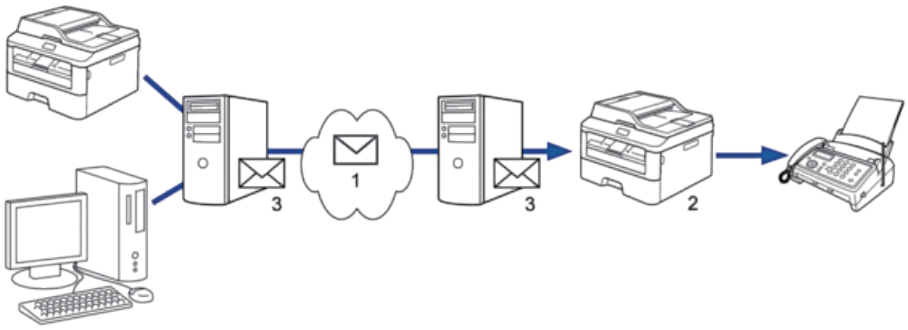
1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Remote Fax Opt` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Fwd/Page/Store` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Fax Forward` option, and then press **OK**.
6. Enter the recipient's fax number or email address.
7. Press **OK**.
8. Press ▲ or ▼ to display the `Backup Print:On` option to print received faxes at your machine so you will have a copy.
9. Press **OK**.

10. Press **Cancel**.

Relay Broadcast

Related Models:Dell E515dn / Dell E515dw

A Relay Broadcast is when your Dell machine receives a message over the Internet and then relays it to another fax machine using conventional telephone lines. If you must fax a document over a long distance or abroad, use the "relay broadcast" function to save the communication fee.



1. The Internet
2. Telephone line
3. Email server

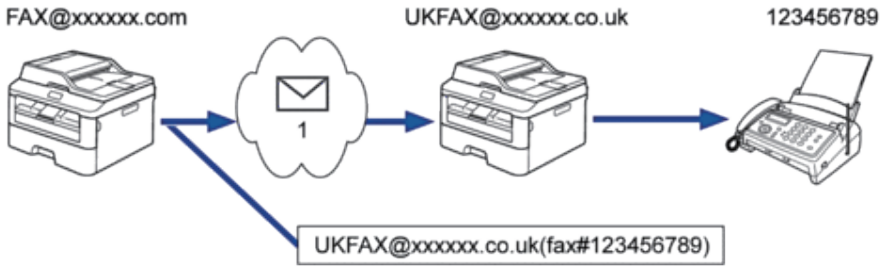
Use the Dell machine's control panel or Web Based Management to configure the following items:

- **Relay Broadcast Function**
  Set the **Relay Broadcast Function** to **On**.
- **Relay Domain**
  Configure your machine's domain name on the machine that will broadcast the document to the conventional fax machine. If you wish to use your machine as a relay broadcast device, you must specify the trusted domain name (the portion of the name after the "@" sign) at the machine. Use care in selecting a trusted domain: any user on a trusted domain will be able to send a relay broadcast. You can register up to ten domain names.
- **Relay Broadcast Report**
  Specify whether or not you want a report to print after the machine completes the relay broadcast.

Relay Broadcast from Your Dell Machine

Related Models:Dell E515dn / Dell E515dw

Use the Relay Broadcast feature to send email from your machine to a conventional fax machine.



1. The Internet

In this example, your machine's email address is FAX@dell.com and you want to send a document from your machine to a standard fax machine in England with the email address UKFAX@dell.co.uk, and you want your machine to send the document using a conventional telephone line.

To use this feature, you must register the email addresses as the One Touch Dial numbers or Speed Dial numbers.

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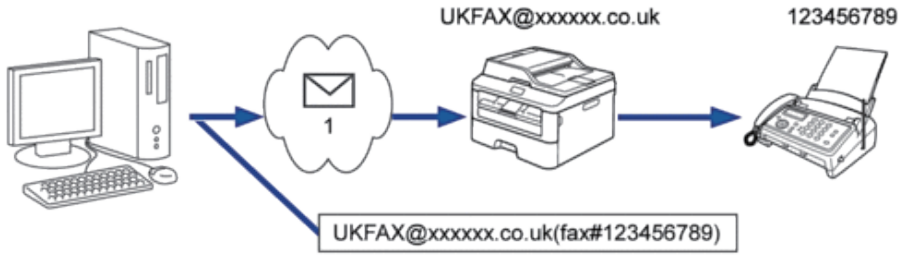
1. Press **(Fax)**.
2. **Load your document.**
3. **Do one of the following:**
   - Press the One Touch button you have registered.
   - Press ▲ (Address Book), and then enter the three-digit Speed Dial number you have registered.
4. Press **Start**.

Relay Broadcast from Your Computer

Related Models:Dell E515dn / Dell E515dw

Use the Relay Broadcast feature to send email from your computer to a conventional fax machine.

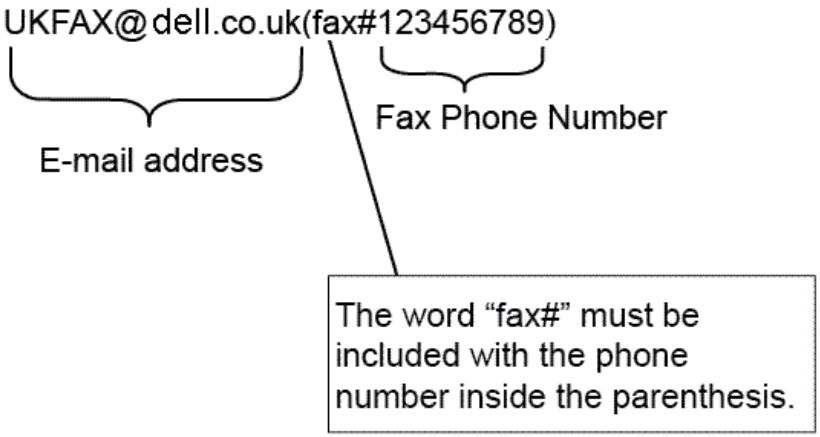
Some email applications do not support sending an email to multiple fax numbers. If your email application cannot support multiple fax numbers, you can relay to only one fax machine at a time.



1. The Internet

If you are sending an email to a conventional fax machine, the method of entering the fax machine's fax number will vary, depending on the mail application you are using.

1. **In your email application, create a new mail message and type the email address of the relay machine and fax number of the first fax machine in the "TO" box.**
   The following is an example of how to enter the email address and fax number:


UKFAX@dell.co.uk(fax#123456789)
E-mail address
Fax Phone Number
The word “fax#” must be included with the phone number inside the parenthesis.

   NOTE: For Microsoft® Outlook®, the address information must be entered into the address book as follows:
   Name: fax#123456789
   Email address: UKFAX@dell.co.uk

2. **Type the email address of the relay machine and fax number of the second fax machine in the "TO" box.**
3. **Send the email.**

I-Fax Options

- Transmission (TX) Verification Mail
- Error Mail
- Configure the Dell Machine for Email or I-Fax

Transmission (TX) Verification Mail

Related Models:Dell E515dn / Dell E515dw
TX Verification Mail supports Verification Mail for either sending or receiving.

- Verification Mail for sending allows you to request notification from the receiving station where your I-Fax or email was received and processed.
- Verification Mail for receiving allows you to transmit a default report back to the sending station after successfully receiving and processing an I-Fax or email.

To use this feature, set the `Notification` options in the `Setup Mail` RX and `Setup Mail` TX options of your Dell machine's control panel menu.

Enable Send Notifications for TX Verification Mail

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to display the `E-mail/IFAX` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Mail TX` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Notification` option, and then press **OK**.
6. Select `On` or `Off` to enable or disable the Send Notification feature.
   When Send Notification is On, the fax includes an additional field, named Message Disposition Notification (MDN), that contains message delivery information.

   NOTE: Your fax recipient's machine must support the MDN field in order to send a notification report.
7. Press **Cancel**.

Enable Receive Notification for TX Verification Mail

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to display the `E-mail/IFAX` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setup Mail RX` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Notification` option, and then press **OK**.
6. Press one of the three possible settings:

Option	Description
Receive Notification On	When Receive Notification is `On`, a template is sent back to the sender to indicate successful reception and processing of the message. These templates depend on the operation requested by the sender. Example: `SUCCESS: Received From <Mail Address>`
Receive Notification `MDN`	When Receive Notification is `MDN`, a report to indicate successful reception and processing is sent back to the sender if the originating station sent a request confirmation to the `MDN` (Message Disposition Notification) field.
Receive Notification `Off`	When Receive Notification is `Off`, all forms of receive notification are disabled and no message is sent back to the sender regardless of the request.

NOTE: To send TX verification mail, the Sender must configure these settings:

- Switch `Notification` in `Setup Mail TX` to `On`.
- Switch `Header in` `Setup Mail RX` to `All` or `Subject+From+To`.

NOTE: To receive TX verification mail, the Receiver must configure these settings:

- Switch `Notification` in `Setup Mail RX` to `On`.

7. Press **Cancel**.

Error Mail

Related Models:Dell E515dn / Dell E515dw

If there is a delivery error while sending an I-Fax, the mail server will send an error message back to the Dell machine and the error message will be printed.

If there is an error while receiving an I-Fax, an error message will be printed, for example, "The message being sent to the machine was not in a TIFF-F format."

To receive the error mail and have it print on your machine, in `Setup Mail RX`, switch the `Header` option to `All` or to `Subject+From+To`.

Use the Send Fax to Server Feature

Related Models:Dell E515dn / Dell E515dw

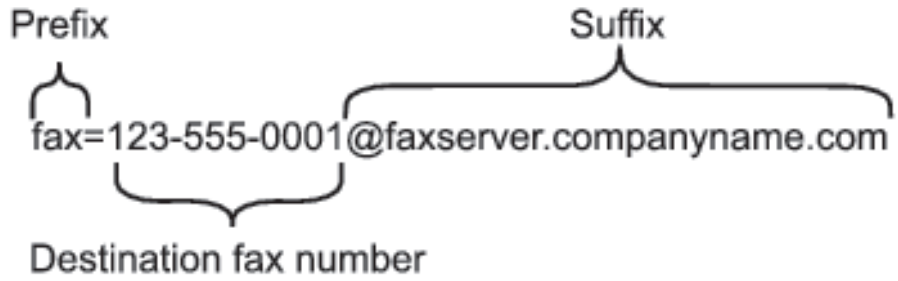
The Fax to Server feature allows the machine to scan a document and send it over the network to a separate fax server. The document will then be sent from the server as fax data to the destination fax number over standard phone lines. When the Fax to Server feature is set to On, all automatic fax transmissions from the machine will be sent to the fax server for fax transmission.

You can send a fax directly from the machine using the manual fax feature when the Send to Server feature is on.

Before Sending a Fax to the Fax Server

Related Models:Dell E515dn / Dell E515dw

To send a document to the fax server, the correct syntax for that server must be used. The destination fax number must be sent with a prefix and a suffix that match the parameters used by the fax server. In most cases, the syntax for the prefix is “fax=” and the syntax for the suffix would be the domain name of the fax server email gateway. The suffix must also include the “@” symbol at the beginning of the suffix. The prefix and the suffix information must be stored in the machine before you can use the Fax to server function. Destination fax numbers can be saved in the address book or entered using the dial pad (up to 40-digit numbers). For example: if you wanted to send a document to a destination fax number of 123-555-0001, use the following syntax:



NOTE: Your fax server application must support an email gateway.

Set Fax to Server to On

Related Models:Dell E515dn / Dell E515dw

Store the prefix/suffix address for the fax server in your Dell machine.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Fax to Server` option, and then press **OK**.
4. Press ▲ or ▼ to display the `On` option, and then press **OK**.
5. Press ▲ or ▼ to display the `Prefix` option, and then press **OK**.
6. Enter the prefix (up to 40 characters) using the machine's control panel, and then press **OK**.
7. Press ▲ or ▼ to display the `Suffix` option, and then press **OK**.
8. Enter the suffix (up to 40 characters) using the machine's control panel, and then press **OK**.
9. Press **Cancel**.

Operate Fax to Server

Related Models:Dell E515dn / Dell E515dw

1. Place the document in the ADF or on the scanner glass.
2. Enter the fax number.
3. Press **Start**.

The machine will send the message over a TCP/IP network to the fax server.

Synchronize Time with the SNTP Server Using Web Based Management

The Simple Network Time Protocol (SNTP) is used to synchronize the time used by the machine for authentication with the SNTP time server. (This is not the time displayed on the machine's LCD.) You can automatically or manually synchronize the machine's time with the Coordinated Universal Time (UTC) provided by the SNTP time server.

- Configure Date and Time Using Web Based Management
  Configure date and time to synchronize the time used by the machine with the SNTP time server.
- Configure the SNTP Protocol Using Web Based Management
  Configure the SNTP protocol to synchronize the time the machine uses for authentication with the time kept by the SNTP time server.

Configure Date and Time Using Web Based Management

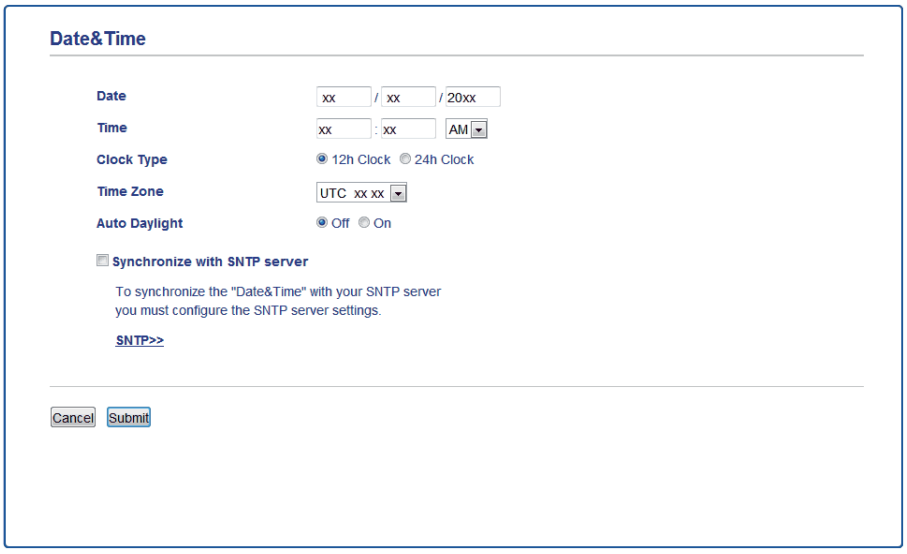
Configure date and time to synchronize the time used by the machine with the SNTP time server.

This feature is not available in some countries.

---

1. Start your web browser.
2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the machine's IP address).
   For example: http://192.168.1.2

3. No password is required by default. Type a password if you have set one, and then click .
4. Click the **General** tab.
5. Click **Date&Time** in the left navigation bar.



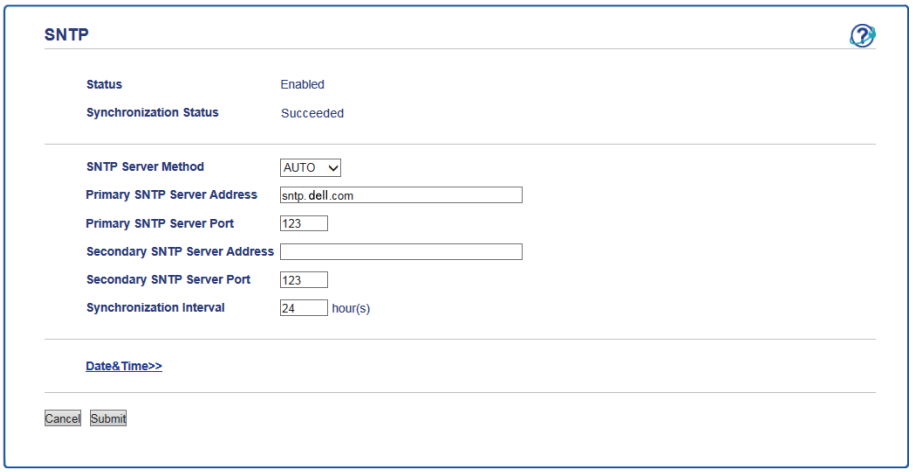
NOTE: Select the time difference between your location and UTC from the **Time Zone** drop-down list. For example, the time zone for Eastern Time in the USA and Canada is UTC-05:00.

6. Verify the **Time Zone** settings.
7. Select the **Synchronize with SNTP server** check box.
8. Click **Submit**.

Configure the SNTP Protocol Using Web Based Management

Configure the SNTP protocol to synchronize the time the machine uses for authentication with the time kept by the SNTP time server.

1. Start your web browser.
2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the machine's IP address).
   For example: http://192.168.1.2
3. No password is required by default. Type a password if you have set one, and then click .
4. Click the **Network** tab.
5. Click **Protocol** in the left navigation bar.
6. Select the **SNTP** check box to activate the settings.
7. Next to the SNTP check box, click **Advanced Setting** and follow the instructions below:



Option	Description
Status	Displays whether the SNTP protocol is enabled or disabled.
SNTP Server Method	Select **AUTO** or **STATIC**. • **AUTO** If you have a DHCP server in your network, the SNTP server will obtain the address from that server automatically. • **STATIC** Type the address you want to use.
Primary SNTP Server Address Secondary SNTP Server Address	Type the server address (up to 64 characters). The secondary SNTP server address is used as a backup to the primary SNTP server address. If the primary server is unavailable, the machine will contact the secondary SNTP server.
Primary SNTP Server Port Secondary SNTP Server Port	Type the port number (1-65535). The secondary SNTP server port is used as a backup to the primary SNTP server port. If the primary port is unavailable, the machine will contact the secondary SNTP port.
Synchronization Interval	Type the number of hours between server synchronization attempts (1-168 hours).
Synchronization Status	Confirm the latest synchronization status.

8. Click **Submit**.

Technical Information for Advanced Users

- Additional Network Settings for Windows®
- Available Services

  When you want your computer to print to the Dell print server, you must use a resource, also known as a 'service.' The Dell print server provides these predefined services:
- Other Ways to Configure the IP Address
- Reset the Network Settings to the Factory Settings

  You can use your machine's control panel to reset the print server to its default factory settings. This resets all

information, such as the password and IP address.

- Print the WLAN Report
  The WLAN Report reflects your machine's wireless status. If the wireless connection fails, check the error code on the printed report.

Additional Network Settings for Windows®

- Before Configuring Additional Network Settings
- Use Web Services to Install Drivers Used for Printing and Scanning (Windows Vista®, Windows® 7 and Windows® 8)
  Use Web Services to monitor printers on the network.
- Use Web Services to Uninstall Drivers Used for Printing and Scanning (Windows Vista®, Windows® 7 and Windows® 8)
- Use Vertical Pairing to Install Drivers Used for Printing and Scanning in Infrastructure Mode (Windows® 7 and Windows® 8)
  Windows® Vertical Pairing is a technology that allows your Vertical Pairing-supported wireless machine to connect to your Infrastructure network using the PIN Method of WPS and the Web Services feature. It enables printer driver and scanner driver installation from the multi-function printer icon in the **Add a device** screen. If you are in Infrastructure mode, you can connect your machine to the wireless network, and then install the printer driver and scanner driver using this feature.
- Use Vertical Pairing to Install Drivers Used for Printing from the Wi-Fi Direct Network (Windows® 8.1)
  Windows® 8.1 allows your Vertical Pairing-supported wireless machine to connect to the Wi-Fi Direct network using the one-push or PIN Method of WPS and the Web Services feature. It enables printer driver installation from the printer icon in the **Add a device** screen. You can connect your machine to the Wi-Fi Direct network, and then install the printer driver using this feature. Your machine also supports the Persistent Group feature of Vertical Pairing for Windows® 8.1.

Before Configuring Additional Network Settings

Use one of the following features to configure additional network settings:

- Web Services for printing and scanning (Windows Vista®, Windows® 7 and Windows® 8)
- Vertical Pairing (Windows® 7 and Windows® 8)

Use Web Services to Install Drivers Used for Printing and Scanning (Windows Vista®, Windows® 7 and Windows® 8)

Use Web Services to monitor printers on the network.

- Verify that the host computer and the Dell machine are on the same subnet, or that the router is correctly configured to pass data between the two devices.
- You must configure the IP address on your Dell machine before you configure this setting.
- For Windows Server® 2008, Windows Server® 2012 and Windows Server® 2012 R2, you must install Print Services.

---

1. Insert the Installer CD-ROM.
2. Open Windows® Explorer, and navigate to your CD-ROM drive, and then select **install > bin > ComDLL > Data**.
3. Double-click **PnPDrvInst.exe**.
4. If the **User Account Control** screen appears, do one of the following:
   - (Windows Vista®)
     Click **Allow**.
   - (Windows® 7/Windows® 8)
     Click **Yes**.
5. Do one of the following:
   - (Windows Vista®)

     Click **(Start) > Network**.
     The machine's Web Services Name appears with the printer icon.
     Right-click the machine you want to install.
   - (Windows® 7)

     Click **(Start) > Control Panel > Network and Internet > View network computers and devices**.
     The machine's Web Services Name appears with the printer icon.
     Right-click the machine you want to install.
   - (Windows® 8)
     Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Change PC settings > Devices > Add a device**.
     The machine's Web Services Name appears.
   - (Windows® 8.1)
     Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Change PC settings > PC & devices > Devices > Add a device**.
     The machine's Web Services Name appears.

   NOTE: The Web Services Name for the Dell machine is your model name and the MAC Address (Ethernet Address) of your machine (for example, Dell EXXXX (model name) [XXXXXXXXXXXX] (MAC Address / Ethernet Address)).

   NOTE: (Windows® 8)
   Move your mouse over the machine name to display the machine's information.
6. Do one of the following:
   - (Windows Vista®/Windows® 7)
     Click **Install** in the machine's drop-down menu.
   - (Windows® 8)
     Select the machine you want to install.

Use Web Services to Uninstall Drivers Used for Printing and Scanning (Windows Vista®, Windows® 7 and Windows® 8)

1. Do one of the following:

- (Windows Vista®)

  Click **(Start) > Network**.
- (Windows® 7)

  Click **(Start) > Control Panel > Network and Internet > View network computers and devices**.
- (Windows® 8)

  Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Change PC settings > Devices**.
- (Windows® 8.1)

  Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Change PC settings > PC & devices >Devices**.

2. **Do one of the following:**
   - (Windows Vista®/Windows® 7)

     The machine's Web Services Name will be shown with the printer icon. Right-click the machine you want to uninstall.
   - (Windows® 8)

     The machine's Web Service Name will be shown. Select the machine you want to uninstall, and then click **(Remove device)**.
3. **Do one of the following:**
   - (Windows Vista®/Windows® 7)

     Click **Uninstall** in the machine's drop-down menu.
   - (Windows® 8)

     When the dialog box appears, follow the on-screen instruction.

Use Vertical Pairing to Install Drivers Used for Printing and Scanning in Infrastructure Mode (Windows® 7 and Windows® 8)

Related Models:Dell E514dw / Dell E515dw

Windows® Vertical Pairing is a technology that allows your Vertical Pairing-supported wireless machine to connect to your Infrastructure network using the PIN Method of WPS and the Web Services feature. It enables printer driver and scanner driver installation from the multi-function printer icon in the **Add a device** screen. If you are in Infrastructure mode, you can connect your machine to the wireless network, and then install the printer driver and scanner driver using this feature.

- Verify that the host computer and the Dell machine are on the same subnet, or that the router is correctly configured to pass data between the two devices.
- If you have disabled your machine's Web Services feature, you must re-enable it by selecting the Web Services check box and clicking **Submit**. The default setting of Web Services for the Dell machine is Enabled. You can change the Web Services setting using Web Based Management.
- Make sure your wireless LAN access point/router has the Windows® 7 or Windows® 8 compatibility logo. If you are not sure about the compatibility logo, contact your access point/router manufacturer.

- Make sure your computer has the Windows® 7 or Windows® 8 compatibility logo. If you are not sure about the compatibility logo, contact your computer manufacturer.
- If you are configuring your wireless network using an external wireless Network Interface Card (NIC), make sure the wireless NIC has the Windows® 7 or Windows® 8 compatibility logo. For more information, contact your wireless NIC manufacturer.
- To use a Windows® 7 or a Windows® 8 computer as a Registrar, you must register it to your network in advance. See the instructions supplied with your wireless LAN access point/router.

---

1. **Turn on your machine.**
2. **Set your machine to WPS mode (PIN Method).**
3. **Do one of the following:**
   - (Windows® 7)

     Click **(Start) > Devices and Printers > Add a device**.
   - (Windows® 8)

     Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Control Panel > Hardware and Sound > Devices and Printers > Add a device**.
4. **Select your machine and type the PIN.**
5. **Select the infrastructure network to which you want to connect, and then click Next.**
6. **When your machine appears in the Devices and Printers dialog box, the wireless configuration and the printer driver installation are successfully completed.**

Use Vertical Pairing to Install Drivers Used for Printing from the Wi-Fi Direct Network (Windows® 8.1)

Related Models:Dell E514dw / Dell E515dw

Windows® 8.1 allows your Vertical Pairing-supported wireless machine to connect to the Wi-Fi Direct network using the one-push or PIN Method of WPS and the Web Services feature. It enables printer driver installation from the printer icon in the **Add a device** screen. You can connect your machine to the Wi-Fi Direct network, and then install the printer driver using this feature. Your machine also supports the Persistent Group feature of Vertical Pairing for Windows® 8.1.

- If you have disabled your machine's Web Services feature, you must re-enable it by selecting the Web Services check box, and clicking **Submit**. The default setting of the Web Services for the Dell machine is Enabled. You can change the Web Services setting using Web Based Management.
- Make sure your computer has the Windows® 8.1 compatibility logo. If you are not sure about the compatibility logo, contact your computer manufacturer.
- If you are configuring your wireless network using an external wireless Network Interface Card (NIC), make sure the wireless NIC has the Windows® 8.1 compatibility logo. For more information, contact your wireless NIC manufacturer.

---

1. Turn on your machine.
2. Enable your machine's Wi-Fi Direct feature.
3. Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Control Panel > Hardware and Sound > Devices and Printers > Add a device**.
4. Select your machine.

   NOTE: If your computer displays a dialog box that requires the WPS PIN, type the PIN displayed on your Dell machine's LCD, and then click **Next**.
5. Select the Wi-Fi Direct push button menu on your machine.
6. When your machine appears in the **Devices and Printers** dialog box, the wireless configuration and the printer driver installation are successfully completed.

Available Services

When you want your computer to print to the Dell print server, you must use a resource, also known as a 'service.' The Dell print server provides these predefined services:

Service (Example)	Definition
BINARY_P1	TCP/IP binary
TEXT_P1	TCP/IP text service (adds carriage return after each line feed)
PCL_P1	PCL service (switches PJL-compatible machine to PCL mode)
DELLxxxxxx*1	TCP/IP binary
DELLxxxxxx_AT*1	PostScript® service for Macintosh
POSTSCRIPT_P1	PostScript® service (switches PJL-compatible machine to PostScript® mode)

*1: Where "xxxxxx" is the first six digits of your machine's MAC Address (Ethernet Address).

Other Ways to Configure the IP Address

- Configure the IP Address Using DHCP
- Configure the IP Address Using BOOTP
- Configure the IP Address Using RARP
- Configure the IP Address Using APIPA
- Configure the IP Address Using ARP

Configure the IP Address Using DHCP

The Dynamic Host Configuration Protocol (DHCP) is one of several automated mechanisms for IP address allocation. If you have a DHCP server on your network, the print server obtains its IP address from the DHCP server automatically and registers its name with any RFC 1001- and 1002-compliant dynamic name services.

If you do not want your print server configured via DHCP, you must set the Boot Method to **Static** so that the print server has a static IP address. This will prevent the print server from trying to obtain an IP address from any of these systems.
To change the Boot Method, use the machine's control panel `Network` menu or Web Based Management.

Configure the IP Address Using BOOTP

Before you configure the IP address using Bootstrap Protocol (BOOTP), you must set the machine's Boot Method to BOOTP. To change the Boot Method, use the machine's control panel Network menu.
BOOTP is an alternative to Reverse Address Resolution Protocol (RARP) that has the advantage of allowing configuration of the subnet mask and gateway. To use BOOTP to configure the IP address, make sure BOOTP is installed and running on your host computer (it should appear in the /etc/services file on your host as a real service; type man bootpd or see your system documentation for information). BOOTP is usually started up via the /etc/inetd.conf file, so you may need to enable it by removing the "#" in front of the bootp entry in that file. For example, a typical bootp entry in the /etc/inetd.conf file would be:

```
#bootp dgram udp wait /usr/etc/bootpd bootpd -i
```

Depending on the system, this entry might be called "bootps" instead of “bootp”.

NOTE: To enable BOOTP, use an editor to delete the "#" (if there is no "#," then BOOTP is already enabled). Then edit the BOOTP configuration file (usually /etc/bootptab) and enter the name, network type (1 for Ethernet), MAC Address (Ethernet Address) and the IP address, subnet mask and gateway of the print server. Unfortunately, the exact format for doing this is not standardized, so you will need to see your system documentation to determine how to enter this information (many UNIX® systems also have template examples in the bootptab file that you can use for reference). Some examples of typical /etc/bootptab entries include:

```
DELL310107 1 00:80:77:31:01:07 192.168.1.2
```

and:

```
DELL310107:ht=ethernet:ha=008077310107:\ip=192.168.1.2:
```

Certain BOOTP host software implementations will not respond to BOOTP requests if you have not included a download filename in the configuration file. If this is the case, create a null file on the host and specify the name of this file and its path in the configuration file.
As with RARP, the print server will load its IP address from the BOOTP server when the machine is powered on.

Configure the IP Address Using RARP

Before you configure the IP address using Reverse Address Resolution Protocol (RARP), you must set the machine's Boot Method to RARP. To change the Boot Method, use the machine's control panel or Web Based Management. The Dell print server's IP address can be configured using the RARP facility on your host computer. This is done by editing the /etc/ethers file (if this file does not exist, you can create it) with an entry similar to the following:

```
00:80:77:31:01:07 DELL008077310107
```

where the first entry is the MAC Address (Ethernet Address) of the print server and the second entry is the name of the print server. (The name must be the same as the one you put in the /etc/hosts file.)
If the RARP daemon is not already running, start it (depending on the system, the command can be rarpd, rarpd -a, in.rarpd -a, or another command; type man rarpd or see your system documentation for additional information). To verify that the RARP daemon is running on a Berkeley UNIX® based system, type the following command:

```
ps -ax | grep -v grep | grep rarpd
```

For AT&T UNIX®-based systems, type:

```
ps -ef | grep -v grep | grep rarpd
```

The Dell print server will get the IP address from the RARP daemon when the machine is powered on.

Configure the IP Address Using APIPA

The Dell print server supports the Automatic Private IP Addressing (APIPA) protocol. With APIPA, DHCP clients automatically configure an IP address and subnet mask when a DHCP server is not available. The device selects its own IP address in the range 169.254.1.0 through 169.254.254.255. The subnet mask is automatically set to 255.255.0.0 and the gateway address is set to 0.0.0.0.

By default, the APIPA protocol is enabled. To disable the APIPA protocol, use the machine's control panel or Web Based Management.

Configure the IP Address Using ARP

If your network does not use a DHCP server, you can also use the Address Resolution Protocol (ARP) command. The ARP command is available on Windows® systems that have TCP/IP installed and UNIX® systems. To use ARP, type the following command:

```
arp -s ipaddress ethernetaddress
ipaddress
```

Where `ethernetaddress` is the MAC Address (Ethernet Address) of the print server and `ipaddress` is the IP address of the print server.

For example:

Windows® systems

Windows® systems require the hyphen (dash) "-" character between each digit of the MAC Address (Ethernet Address).

```
arp -s 192.168.1.2 00-80-77-31-01-07
ping 192.168.1.2
```

UNIX®/Linux systems

Typically, UNIX® and Linux systems require the colon ":" character between each digit of the MAC Address (Ethernet Address).

```
arp -s 192.168.1.2 00:80:77:31:01:07
ping 192.168.1.2
```

NOTE: You must be on the same Ethernet segment to use the ARP command, that is, there cannot be a router between the print server and operating system.

If there is a router, you may use BOOTP or other methods to enter the IP address. If your administrator has configured the system to deliver IP addresses using BOOTP, DHCP, or RARP, your Dell print server can receive an IP address from any one of these IP address allocation systems, so you will not need to use the ARP command. The ARP command works only once. For security reasons, when you have successfully configured the IP address of a Dell print server using the ARP command, you cannot use the ARP command again to change the address. The print server will ignore any attempts to do this. To change the IP address again, use Web Based Management, or perform a factory reset on the print server, which will then allow you to use the ARP command again.

Reset the Network Settings to the Factory Settings

You can use your machine's control panel to reset the print server to its default factory settings. This resets all information, such as the password and IP address.

NOTE: This feature restores all wired and wireless network settings to the factory settings.

NOTE: You can also reset the print server to its factory settings using Web Based Management.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Network` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Network Reset` option, and then press **OK**.
4. Follow the machine's instruction to reset the network settings.
   The machine will restart.

Print the WLAN Report

Related Models:Dell E514dw / Dell E515dw

The WLAN Report reflects your machine's wireless status. If the wireless connection fails, check the error code on the printed report.

1. Press **Menu**.
2. Do one of the following:
   - Dell E515dw Press ▲ or ▼ to display the `Print Reports` option, and then press **OK**.
   - Dell E514dw Press ▲ or ▼ to display the `Machine Info.` option, and then press **OK**.
3. Press ▲ or ▼ to select the `WLAN Report` option, and then press **OK**.
4. Press **Start**
   The machine will print the WLAN Report.

Wireless LAN Report Error Codes

Related Models:Dell E514dw / Dell E515dw

If the Wireless LAN Report shows that the connection failed, check the error code on the printed report and refer to the corresponding instructions in the table:

Error Code	Problem and Recommended Solutions
TS-01	The wireless setting is not activated, turn the wireless setting to ON. If a network cable is connected to your machine, disconnect it and turn the wireless setting of your machine to ON.
TS-02	The wireless access point/router cannot be detected. 1. Check the following four points: • Make sure that the wireless access point/router is powered on. • Move your machine to an obstruction-free area, or closer to the wireless access point/router. • Temporarily place your machine within about 3.3 feet (one meter) from the wireless access point when you are configuring the wireless settings. • If your wireless access point/router is using MAC address filtering, confirm the MAC address of the Dell machine is allowed in the filter. 2. If you manually entered the SSID and security information (SSID/authentication method/encryption method/Network Key), the information may be incorrect. Confirm the SSID and security information and enter the correct information as necessary.

TS-04	The Authentication/Encryption methods used by the selected wireless access point/router are not supported by your machine. For infrastructure mode, change the authentication and encryption methods of the wireless access point/router. Your machine supports the following authentication methods: • WPA-Personal TKIP or AES • WPA2-Personal AES • Open WEP or None (without encryption) • Shared key WEP If your problem is not solved, the SSID or network settings you entered may be incorrect. Confirm the wireless network settings. For Ad-Hoc Mode, change the authentication and encryption methods of your computer for the wireless setting. Your machine supports Open authentication method only, with optional WEP encryption.
TS-05	The security information (SSID/Network Key) is incorrect. Confirm the SSID and Network Key. If your router uses WEP encryption, enter the key used as the first WEP key. Your Dell machine supports the use of the first WEP key only.
TS-06	The wireless security information (Authentication method/Encryption method/Network Key) is incorrect. Confirm the wireless security information (Authentication method/Encryption method/Network Key) listed in TS-04. If your router uses WEP encryption, enter the key used as the first WEP key. Your Dell machine supports the use of the first WEP key only.
TS-07	The machine cannot detect a wireless access point/router that has WPS or AOSS™ enabled. If you would like to configure your wireless settings using WPS or AOSS™, you must operate both your machine and the wireless access point/router. Confirm your wireless access point/router supports WPS or AOSS™ and try starting again. If you do not know how to operate your wireless access point/router using WPS or AOSS™ see the documentation provided with your wireless access point/router, ask the manufacturer of your wireless access point/router or ask your network administrator.
TS-08	Two or more wireless access points that have WPS or AOSS™ enabled are detected. • Confirm that only one wireless access point/router within range has the WPS or AOSS™ method active and try again. • Try starting again after a few minutes in order to avoid interference from other access points.

Network Menu on the Dell Control Panel

The control panel's `Network` menu selections allow you to configure the Dell machine for your network.
Note that your Dell machine includes the Web Based Management, which you can use to configure many aspects of the network.

TCP/IP

If you connect the machine to your network with a network cable, use the `Wired LAN` menu selections. If you connect the machine to a wireless Ethernet network, use the `WLAN` menu selections.

Boot Method

This selection controls how the machine obtains an IP address.

Auto

In this mode, the machine will scan the network for a DHCP server. If it can find one, and if the DHCP server is configured to allocate an IP address to the machine, then the IP address supplied by the DHCP server will be used.

If no DHCP server is available, the IP Address is set using the APIPA protocol. After the machine is initially powered ON, it may take a few minutes for the machine to scan the network for a server.

Static

In this mode, the machine's IP address must be manually assigned. When the IP address is entered, it is locked to the assigned address.

If you do not want your print server configured via DHCP, BOOTP, or RARP, you must set the BOOT Method to Static so that the print server has a static IP address. This will prevent the print server from trying to obtain an IP address from any of these systems.

To change the BOOT Method, use the machine's control panel or Web Based Management.

IP Address

This field displays the current IP address of the machine. If you have selected a BOOT Method of Static, type the IP address that you wish to assign to the machine (check with your network administrator for the IP address to use). If you have selected a method other than Static, the machine will attempt to determine its IP address using the DHCP, BOOTP, or RARP protocols.

The default IP address of your machine will probably be incompatible with the IP address numbering scheme of your network. We recommend contacting your network administrator for an IP address that is compatible with the network to which your machine is connected.

Subnet Mask

This field displays the current subnet mask used by the machine. If you are not using DHCP, BOOTP, or RARP to obtain the subnet mask, type the desired subnet mask. Check with your network administrator for the subnet mask to use.

Gateway

This field displays the current gateway or router address used by the machine. If you are not using DHCP, BOOTP, or RARP to obtain the gateway or router address, type the address you wish to assign. If you do not have a gateway or router, leave this field blank. Check with your network administrator if you are unsure.

Node Name

You can register the machine name on the Network. This name is often referred to as a NetBIOS name; it will be the name that is registered by the Windows® Internet Name Service (WINS) server on your network.

Dell recommends the name "DELLxxxxxx" (where "xxxxxx" is the first six digits of your machine's MAC Address / Ethernet address) (up to 32 characters).

WINS Configuration

This selection controls how the machine obtains the IP address of the WINS server.

Auto

Automatically uses a DHCP request to determine the IP addresses for the primary and secondary WINS servers. You must set the `Boot Method` to `Auto` or `DHCP` for this feature to work.

Static

Uses a specified IP address for the primary and secondary WINS servers.

WINS Server

This selection manages the IP address of the WINS server.

Primary (Primary WINS Server IP Address)

This field specifies the IP address of the primary WINS server. If set to a non-zero value, the machine will contact this server to register its name with the Windows® Internet Name Service.

Secondary (Secondary WINS Server IP Address)

This field specifies the IP address of the secondary WINS server. It is used as a backup to the primary WINS server address. If the primary WINS server is unavailable, the machine still can register itself with a secondary server.

If set to a non-zero value, the machine will contact this server to register its name with the Windows® Internet Name Service. If you have a primary WINS server but no secondary WINS server, simply leave this field blank.

DNS Server

This selection manages the IP address of the Domain Name System (DNS) server.

Primary (Primary DNS Server IP Address)

This field specifies the IP address of the primary DNS server.

Secondary (Secondary DNS Server IP Address)

This field specifies the IP address of the secondary DNS server. It is used as a backup to the primary DNS server address. If the primary DNS server is unavailable, the machine will contact the secondary DNS server.

APIPA

Selecting `On` will cause the print server to automatically allocate a link-local IP address in the range (169.254.1.0 - 169.254.254.255) when the print server cannot obtain an IP address through the Boot Method you have set. Selecting `Off` means the IP address does not change when the print server cannot obtain an IP address through the Boot Method you have set.

IPv6

This machine is compatible with IPv6, the next generation Internet protocol. The default setting is `Off`. If you want to use the IPv6 protocol, select `On`.

NOTE: If you set `IPv6` to `On`, turn off the power switch, and then turn it back on to enable this protocol.

NOTE: After you set `IPv6` to `On`, this setting will be applied to both the wired and wireless LAN interface.

Ethernet (Wired Network Only)

Ethernet link mode allows the print server to operate in 100BASE-TX full or half duplex or in 10BASE-T full or half duplex mode by auto-negotiation.

NOTE: If you set this value incorrectly, you may not be able to communicate with your print server.

Wired Status

This field displays the current wired network status.

MAC Address

The MAC Address (Ethernet Address) is a unique number assigned for the machine's network interface. You can check your machine's MAC Address on its control panel.

Setup Wizard (Wireless Network Only)

Related Models:Dell E514dw / Dell E515dw
The Setup Wizard guides you through the wireless network configuration.

WPS/AOSS™ (Wireless Network Only)

Related Models:Dell E514dw / Dell E515dw
If your wireless LAN access point/router supports either WPS (PBC) or AOSS™ (automatic wireless mode), you can configure your Dell machine without a computer.

NOTE: WPS refers to Wi-Fi Protected Setup™.

NOTE: PBC refers to Push Button Configuration.

NOTE: AOSS™ refers to AirStation One-Touch Secure System.

WPS w/PIN Code (Wireless Network Only)

Related Models:Dell E514dw / Dell E515dw
If your wireless LAN access point/router supports WPS (PIN method), you can configure your Dell machine without a computer.

NOTE: WPS refers to Wi-Fi Protected Setup™.

WLAN Status (Wireless Network Only)

Related Models:Dell E514dw / Dell E515dw

Status

This field displays the current wireless network status.

Signal

This field displays the current wireless network signal strength.

SSID

This field displays the current wireless network SSID. The display shows up to 32 characters of the SSID name.

Comm.Mode

This field displays the current wireless network communication mode.

Set to Default

Related Models:Dell E514dw / Dell E515dw
Select the `Set to Default` option to reset each wired or wireless setting to the factory default.

Wired Enable (Wired Network Only)

Related Models:Dell E514dw / Dell E515dw
Set the `Wired Enable` option to `On` when you want to use a wired network connection.

WLAN Enable (Wireless Network Only)

Related Models:Dell E514dw / Dell E515dw
Set the `WLAN Enable` option to `On` when you want to use a wireless network connection.

Wi-Fi Direct

Related Models:Dell E514dw / Dell E515dw
This type of connection is a Wi-Fi standard that allows devices to connect with each other without a wireless access point, using secured method.

Email I-Fax

Related Models:Dell E515dn / Dell E515dw
This menu has six selections: `Mail Address`, `Setup Server`, `Setup Mail RX`, `Setup Mail TX`, `Setup Relay` and `Manual Receive`.
As this section requires you to enter many text characters, you may find that it is more convenient to use Web Based Management and your favorite web browser to configure these settings. These settings must be configured for the I-Fax feature to work.

Mail Address

Related Models:Dell E515dn / Dell E515dw
Use this selection to set your machine's email address.

Setup Server

Related Models:Dell E515dn / Dell E515dw

SMTP

SMTP Server

This field displays the node name or IP address of an SMTP mail server (outgoing email server) on your network (for example, "mailhost.dellmail.net" or "192.0.0.1").

SMTP Port

This field displays the SMTP port number (for outgoing emails) on your network.

Auth. for SMTP

Specify the security method for email notification.

POP3/IMAP4

Protocol

Select the POP3 or the IMAP4 for receiving emails.

Server

This field displays the node name or IP address of the POP3 server or the IMAP4 server (incoming email server)

used by the Dell machine (for example, “mailhost.dellmail.net” or “192.0.0.1”). This address is necessary for the I-Fax features to function correctly.

Port

This field displays the POP3 port number or the IMAP4 port number (for incoming emails) used by the Dell machine.

Mailbox Name

Specify a mailbox name on the POP3 server or the IMAP4 server where the Internet print jobs will be retrieved.

Mailbox Password

Specify the password for the POP3 server account or the IMAP4 server account where the Internet print jobs will be retrieved.

NOTE: To setup the Mailbox so that you are not asked for a password, enter a single space.

Select Folder (for IMAP4)

Specify the mail folder name where the Internet print jobs will be retrieved.

NOTE: To setup a specific folder, type the folder name in the Specified field.

- You must enter the full path of the mail folder.
- Use single byte characters only.
- Enter “Inbox” for the root mail folder.

APOP (for POP3)

Enable or disable the Authenticated Post Office Protocol (APOP).

Setup Mail RX

Related Models:Dell E515dn / Dell E515dw

Auto Polling

When set to On, the machine automatically checks the POP3/IMAP4 server for new messages.

Poll Frequency

Sets the interval for checking for new messages on the POP3/IMAP4 server (the default interval is 10 minutes).

Header

Allows the contents of the mail header to be printed when the received message is printed.

Del/Read Error Mail

When set to On, the machine automatically deletes error mails that the machine cannot receive from the mail server.

Notification

Allows a "confirmation of receipt" message to be transmitted to the sending station when the I-Fax has been received. This feature works only on I-Fax machines that support the Message Disposition Notification (MDN) specification.

Setup Mail TX

Related Models:Dell E515dn / Dell E515dw

Sender Subject

This field displays the subject attached to the I-Fax data being sent from the Dell machine to a computer.

Size Limit

Some email servers do not allow you to send large email documents. (The system administrator will often place a limit on the maximum email size.) With this feature enabled, the machine will display `Out of Memory` when trying to send email documents over 1 MB in size. The document will not be sent and an error report will be printed. The document you are sending should be separated into smaller documents that will be accepted by the mail server (based on the ITU-T Test Chart #1 test chart, a 42 page document is approximately 1 MB in size).

Notification

The notification feature allows a "confirmation of receipt" message to be transmitted to the sending station when the I-Fax has been received. This feature works only on I-Fax machines that support the Message Disposition Notification (MDN) specification.

Setup Relay

Related Models:Dell E515dn / Dell E515dw

Relay Broadcast

Allows the machine to receive a document over the Internet and then relay it to other fax machines through conventional analog landlines.

Relay Domain

Register up to ten Domain Names that are allowed to request a Relay Broadcast.

Relay Report

A Relay Broadcast Report is a list of any relayed broadcasts that have been sent through the machine. It can be printed at the machine that will act as a Relay Station for all Relay Broadcasts. To use this function, you must assign the relay domain in the "Trusted Domains" section of the Relay function settings.

Scan to E-mail

Select Scan to E-mail to change the resolution and file type for an email attachment. You can scan and send a black and white or color document from the computer as an attachment.

Scan to FTP

Related Models:Dell E515dn / Dell E515dw

Select Scan to FTP to change the resolution and file type for the attachment. You can scan and send a black and white or color document directly to an FTP server on your local network or on the Internet.

Fax to Server

Related Models:Dell E515dn / Dell E515dw

You can set `Fax to Server` to `On` or `Off`, and store the prefix/suffix address for the fax server in the machine. As this section requires you to enter a lot of text characters, you may find that it is more convenient to use Web Based Management and your favorite web browser to configure these settings.

Network Reset

Select the `Network Reset` option to reset the print server to its default factory settings.

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Security

- Lock the Machine Settings
  Before turning on the machine's access lock feature, make a careful note of your password. If you forget the password, you must reset all passwords stored in the machine by calling your administrator or Dell Customer Service.
- Before Using Network Security Features
  Your Dell machine employs some of the latest network security and encryption protocols available today. These network features can be integrated into your overall network security plan to help protect your data and prevent unauthorized access to the machine.
- Supported Security Protocols and Features
- Send or Receive an Email Securely

Lock the Machine Settings

Before turning on the machine's access lock feature, make a careful note of your password. If you forget the password, you must reset all passwords stored in the machine by calling your administrator or Dell Customer Service.

- About Using TX Lock
  Block unauthorized data transmission to and from the machine.
- About Using Setting Lock
  Block unauthorized access to machine settings.

About Using TX Lock

Related Models:Dell E515dn / Dell E515dw

Block unauthorized data transmission to and from the machine.

While TX Lock is on, the following operations are available IF they active before you turned on TX Lock:

- Receive faxes
- Fax Forward
- Paging
- Remote Retrieval

NOTE: To print the faxes in memory, turn off TX Lock.

While TX Lock is on, the following operations are NOT available:

- Fax send
- Copy
- PC print
- Scan

Set the TX Lock Password

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.

2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Security` option, and then press **OK**.
4. Press ▲ or ▼ to display the `TX Lock` option, and then press **OK**.
5. Enter a four-digit number for the password.
6. Press **OK**.
7. When the LCD displays `Verify:`, re-enter the password.
8. Press **Cancel**.

Change the TX Lock Password

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Security` option, and then press **OK**.
4. Press ▲ or ▼ to display the `TX Lock` option, and then press **OK**.
5. Press ▲ or ▼ to select the `Set Password` option, and then press **OK**.
6. Enter the current four-digit password.
7. Press **OK**.
8. Enter a four-digit number for the new password.
9. Press **OK**.
10. When the LCD displays `Verify:`, re-enter the password.
11. Press **Cancel**.

Turn TX Lock On/Off

- Turn TX Lock On
- Turn TX Lock Off

Turn TX Lock On

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Security` option, and then press **OK**.
4. Press ▲ or ▼ to display the `TX Lock` option, and then press **OK**.
5. Press **OK** when the LCD shows `Set TX Lock`.
6. Enter the current four-digit password.
7. Press **OK**.

Turn TX Lock Off

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Enter the current four-digit password.
3. Press **OK**.

About Using Setting Lock

Related Models:Dell E515dn / Dell E515dw
Block unauthorized access to machine settings.
When Setting Lock is set to `On`, you cannot access the machine settings without entering the password.

Set the Setting Lock Password

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Security` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setting Lock` option, and then press **OK**.
5. Enter a four-digit number for the password.
6. Press **OK**.
7. When the LCD displays `Verify:`, re-enter the password.
8. Press **OK**.
9. Press **Cancel**.

Change the Setting Lock Password

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Security` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setting Lock` option, and then press **OK**.
5. Press ▲ or ▼ to select the `Set Password` option, and then press **OK**.
6. Enter the current four-digit password.
7. Press **OK**.
8. Enter a new four-digit password.
9. Press **OK**.
10. When the LCD displays `Verify:`, re-enter the password.
11. Press **OK**.

12. Press **Cancel**.

Turn Setting Lock On or Off

- Turn Setting Lock On
- Turn Setting Lock Off

Turn Setting Lock On

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Security` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setting Lock` option, and then press **OK**.
5. Press **OK** when the LCD displays `On`.
6. Enter the current four-digit password.
7. Press **OK**.
8. Press **Cancel**.

Turn Setting Lock Off

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Security` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Setting Lock` option, and then press **OK**.
5. Enter the current four-digit password.
6. Press **OK**.
7. Press **OK** when the LCD shows `Off`.
8. Press **Cancel**.

Before Using Network Security Features

Your Dell machine employs some of the latest network security and encryption protocols available today. These network features can be integrated into your overall network security plan to help protect your data and prevent unauthorized access to the machine.

NOTE: We recommend disabling the FTP and TFTP protocols. Accessing the machine using these protocols is not secure. However, note that if you disable FTP, the Scan to FTP feature will be disabled.

Supported Security Protocols and Features

- Security Protocols
- Security Methods for Sending and Receiving Email
- Manage Your Network Machine Securely Using Web Based Management (Web Browser)

  To manage your network machine securely, you must use the management utilities with security protocols.

Security Protocols

SNMPv3

The Simple Network Management Protocol version 3 (SNMPv3) provides user authentication and data encryption to manage network devices securely.

Security Methods for Sending and Receiving Email

NOTE: Configure the settings for these security methods using Web Based Management.

SMTP Authentication (SMTP-AUTH)

SMTP-AUTH expands SMTP (the Internet email sending protocol) to include an authentication method that ensures that the true identity of the sender is known.

Authenticated Post Office Protocol (APOP)

APOP expands POP3 (the Internet receiving protocol) to include an authentication method that encrypts the password when the client receives email.

IMAP4 over SSL

IMAP4 over SSL enables receiving encrypted email using SSL.

Manage Your Network Machine Securely Using Web Based Management (Web Browser)

To manage your network machine securely, you must use the management utilities with security protocols.

1. Start your web browser.
2. Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the machine's IP address).
3. No password is required by default. Type a password if you have set one, and then click .

   NOTE: If you use the SNMPv3 protocol, follow the steps below.
4. Click the **Network** tab.
5. Click **Protocol**.
6. Make sure the **SNMP** setting is enabled, and then click **Advanced Setting** of **SNMP**.
7. You can configure the SNMP settings.

   We have three selections for **SNMP Mode of Operation**.

   - **SNMP v1/v2c read-write access**

     In this mode, the print server uses version 1 and version 2c of the SNMP protocol. You can use all Dell applications under this mode. However, it is not secure since it will not authenticate the user and the data will

not be encrypted.

- **SNMPv3 read-write access and v1/v2c read-only access**
  In this mode, the print server uses the read-write access of version 3 and the read-only access of version 1 and version 2c of the SNMP protocol.

  NOTE: When you use the **SNMPv3 read-write access and v1/v2c read-only access** mode, some Dell applications that access to the print server do not work correctly since they authorize the read-only access of version 1 and version 2c. If you want to use all applications, use the **SNMP v1/v2c read-write access** mode.

- **SNMPv3 read-write access**
  With this mode, the print sever uses version 3 of the SNMP protocol. If you want to manage the print server securely, use this mode.

  NOTE: When you use the **SNMPv3 read-write access** mode, note the following:

  - You can manage the print server using Web Based Management only.
  - All applications that use SNMPv1/v2c will be restricted. To allow the use of SNMPv1/v2c applications, use **SNMPv3 read-write access and v1/v2c read-only access** or **SNMP v1/v2c read-write access** mode.

Send or Receive an Email Securely

- Configure Email Sending or Receiving Using Web Based Management
- Send an Email with User Authentication

Configure Email Sending or Receiving Using Web Based Management

Related Models:Dell E515dn / Dell E515dw

We recommend using Web Based Management to configure secured email sending with user authentication.

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1. **Start your web browser.**
2. **Type "http://machine's IP address" in your browser's address bar (where "machine's IP address" is the machine's IP address).**
   For example: http://192.168.1.2

   NOTE: If you are using a Domain Name System or enable a NetBIOS name, you can type another name, such as "SharedPrinter" instead of the IP address.

   - For example:
     http://SharedPrinter

   If you enable a NetBIOS name, you can also use the node name.

   - For example:
     http://DELL000499

   The NetBIOS name can be found in the Network Configuration Report.

   NOTE: For Macintosh, access Web Based Management by clicking the machine's icon on the **Status Monitor**

screen.

3. No password is required by default. Type a password if you have set one, and then click .
4. Click the **Network** tab.
5. Click **Protocol** in the left navigation bar.
6. In the **POP3/IMAP4/SMTP** field, click **Advanced Setting** and make sure the status of **POP3/IMAP4/SMTP** is **Enabled**.
7. Configure the **POP3/IMAP4/SMTP** settings.
   - For more information, see the Help text in Web Based Management.
   - Confirm that the email settings are correct after configuration by sending a test email.
   - If you do not know the POP3/IMAP4/SMTP server settings, contact your network administrator or Internet Service Provider (ISP).
8. When finished, click **Submit**.
   The **Test Send/Receive E-mail Configuration** dialog box appears.
9. Follow the instructions in the dialog box to test the current settings.

Send an Email with User Authentication

Related Models:Dell E515dn / Dell E515dw

Your Dell machine supports the SMTP-AUTH method to send email via an email server that requires user authentication. This method prevents unauthorized users from accessing the email server.

You can use SMTP-AUTH for email notification, email reports and I-Fax.

NOTE: We recommend using Web Based Management to configure the SMTP authentication.

Email Server Settings

You must configure your machine's SMTP authentication method to match the method used by your email server. For details about your email server settings, contact your network administrator or Internet Service Provider (ISP).

NOTE: To enable SMTP server authentication: in the Web Based Management **POP3/IMAP4/SMTP** screen, under **Server Authentication Method**, you must select **SMTP-AUTH**.

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ControlCenter

Use Dell's ControlCenter software utility to quickly access your frequently-used applications. Using ControlCenter gives you direct access to specific applications.

- ControlCenter (Macintosh)

ControlCenter (Macintosh)

- Scan Using ControlCenter (Macintosh)
  Use Dell's ControlCenter software to scan photos and save them as JPEGs, PDFs, or other file formats.
- Scan Settings for ControlCenter (Macintosh)

Scan Using ControlCenter (Macintosh)

Use Dell's ControlCenter software to scan photos and save them as JPEGs, PDFs, or other file formats.

- Scan Documents and Photos Using ControlCenter (Macintosh)
  Send scanned photos or graphics directly to your computer. Dell's ControlCenter software (for Macintosh only) will launch the default graphics application on your computer and open your scanned document automatically.
- Save Scanned Data to a Folder as a PDF File Using ControlCenter (Macintosh)
- Scan Both Sides of an ID Card Using ControlCenter
- Scan to E-mail Attachment Using ControlCenter (Macintosh)
  Send a scanned document as an email attachment.
- Scan to an Editable Text File (OCR) Using ControlCenter (Macintosh)
  Your machine can convert characters in a scanned document to text data using optical character recognition (OCR) technology. Edit this text using your preferred text-editing application.
- Scan Settings for ControlCenter (Macintosh)

Scan Settings for ControlCenter (Macintosh)

Settings	Applicable Features			
	Image	OCR	E-mail	File
Target Application/E-mail Application Select which application is used to open scanned data. Only applications installed on your computer can be selected. • **Add** Add an application to the pop-up menu. Type the application name in the **Application Name** field (up to 30 characters) and select your preferred application by clicking the **Browse** button. Select the **File Type** option from the pop-up menu. • **Delete** Delete an application you have added to the pop-up menu. Select the application from the **Application Name** pop-up menu, and then click **Delete**.	Yes	Yes	Yes	-

File Type Select the file type you want to use for the scanned data.	Yes	Yes	Yes	Yes
File size Change the file size by moving the **File size** slider to the right or left.	Yes	-	Yes	Yes
OCR Language Set the OCR language to match the language of the scanned document's text.	-	Yes	-	-
Destination File Path Click the **Change** button to change the prefix of the file name and the path of the destination folder.	Yes	Yes	Yes	-
File Name Type a prefix for your file name, if needed.	Yes	Yes	Yes	Yes
Insert Date in File Name Automatically insert the date in the file name of the scanned image.	Yes	Yes	Yes	Yes
Show Save As window Select this option if you want to specify the destination of the scanned image every time you scan.	-	-	-	Yes
Destination Folder Click **Browse** to select the folder where you would like to save your scanned document.	Yes	Yes	Yes	Yes
Show Folder Select the **Show Folder** option to automatically display the destination folder after scanning.	-	-	-	Yes
Resolution Select a scanning resolution from the **Resolution** pop-up menu. Higher resolutions take more memory and transfer time, but produce a finer scanned image.	Yes	Yes	Yes	Yes

Scan Type Select from a range of scan color depths. • **Black & White** Use for text or line art images. • **Gray (Error Diffusion)** Use for photographic images or graphics. (Error Diffusion is a method for creating simulated gray images without using true gray dots. Black dots are put in a specific pattern to give a gray appearance.) • **True Gray** Use for photographic images or graphics. This mode is more accurate because it uses up to 256 shades of gray. • **24bit Color** Use to create an image with the most accurate color reproduction. This mode uses up to 16.8 million colors to scan the image, but it requires the most memory and has the longest transfer time. • **Auto** Use for any type of document. This mode automatically picks an appropriate color depth for the document.	Yes	Yes	Yes	Yes
Document Size Select the exact size of your document from the **Document Size** pop-up menu. • If you select **1 to 2 (A4)**, the scanned image will be divided into two A5-size documents.	Yes	Yes	Yes	Yes
Continuous Scanning Select this option to scan multiple pages from the flatbed or ADF. After a page is scanned, either continue scanning or finish. Use this method to scan more pages than the maximum ADF capacity.	Yes	Yes	Yes	Yes
ID Card Scan	Yes	Yes	Yes	Yes
Show Scanner Interface Select this check box to crop a portion of a scanned page after pre-scanning the document.	Yes	Yes	Yes	Yes

Advanced Settings Configure advanced settings by clicking the **Advanced Settings** button in the Scan Settings dialog box. • **Brightness** Set the **Brightness** level by dragging the slider to the right or left to lighten or darken the image. If the scanned image is too light, set a lower brightness level and scan the document again. If the image is too dark, set a higher brightness level and scan the document again. • **Contrast** Increase or decrease the **Contrast** level by moving the slider to the right or left. An increase emphasizes dark and light areas of the image, while a decrease reveals more details in gray areas. You can also enter a value in the box to set the contrast. • **Remove Background Color** Remove the base color of documents to make the scanned data more recognizable. When you use this function, select from three settings: high, medium, and low. (Available only for the **Auto**, **True Gray** and **24bit Color** options)	Yes	Yes	Yes	Yes
Restore Defaults Select this option to restore all settings to their factory setting values.	Yes	Yes	Yes	Yes

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Troubleshooting

Use this section to resolve typical problems you may encounter when using your Dell machine. You can correct most problems yourself.

IMPORTANT

For technical help, you must call the country where you bought the machine. Calls must be made from within that country.
Using non-Dell supplies may affect the print quality, hardware performance, and machine reliability.
(Dell E515dn/Dell E515dw)
To prevent you from losing the received fax data in the machine's memory, transfer the data to another Fax machine or to your computer before turning off the machine.

First, check the following:

- The machine's power cord is connected correctly and the machine's power is on. See the *Setup Guide*.
- All of the protective materials have been removed. See the *Setup Guide*.
- Paper is loaded correctly in the paper tray.
- The interface cables are securely connected to the machine and the computer, or the wireless connection is set up on both the machine and your computer.
- Error and maintenance messages

If you did not solve the problem with the checks, identify the problem and then see *Related Information*.

Printing Problems

Difficulties	Suggestions
No printout	Check that the correct printer driver has been installed and selected.
	Check to see if the Status Monitor (for Macintosh only) or the machine's control panel displays an error status.
	Check that the machine is online: • Windows® 7 and Windows Server® 2008 R2 Click **(Start) > Devices and Printers**. Right-click **Dell MFP EXXXX** and click **See what's printing**. Click **Printer** in the menu bar. Make sure **Use Printer Offline** is cleared. • Windows Vista® and Windows Server® 2008 Click **(Start) > Control Panel > Hardware and Sound > Printers**. Right-click **Dell MFP EXXXX**. Make sure **Use Printer Online** is not listed. If it is listed, click this option to set the driver Online. • Windows Server® 2003 Click the **Start > Printers and Faxes**. Right-click **Dell MFP EXXXX**. Make sure **Use Printer Online** is not listed. If it is listed, click this option to set the driver Online. • Windows® 8 and Windows Server® 2012 Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Control Panel**. In the **Hardware and Sound group**, click **View devices and printers**. Right-click the **Dell MFP EXXXX**. Click **See what's printing**. If printer driver options appear, select your printer driver. Click **Printer** in the menu bar and make sure that **Use Printer Offline** is not selected. • Windows Server® 2012 R2 Click **Control Panel** on the **Start** screen. In the **Hardware** group, click **View devices and printers**. Right-click the **Dell MFP EXXXX**. Click **See what's printing**. If printer driver options appear, select your printer driver. Click **Printer** in the menu bar and make sure **Use Printer Offline** is not selected.
	(For Dell E514dw) Check the machine is not in Power Off mode. If the machine is in Power Off mode, press and hold on the control panel, and then re-send print data.
The machine is not printing or has stopped printing.	Press **Cancel**. The machine will cancel the print job and clear it from the memory. The printout may be incomplete. Resend print data.
The headers or footers appear when the document displays on the screen but they do not show up when it is printed.	There is an unprintable area on the top and bottom of the page. Adjust the top and bottom margins in your document to allow for this.
The machine prints unexpectedly or it prints garbage.	Press **Cancel** .
	Check the settings in your application to make sure they are set up to work with your machine.
The machine prints the first couple of pages correctly, then some pages have missing text.	Check the settings in your application to make sure they are set up to work with your machine.
	Your computer is not recognizing the full signal of the machine's input buffer. Make sure you connected the interface cable correctly.

The machine does not print on both sides of the paper even though the printer driver setting is 2-sided.	Check the paper size setting in the printer driver. You must select Letter, Legal or Folio paper that is 16 to 28 lb (60 to 105 g/m^2).
Print speed is too slow.	Try changing the printer driver setting. The highest resolution needs longer data processing, sending and printing time.
The machine does not feed paper.	If there is paper in the paper tray, make sure it is straight. If the paper is curled, straighten it. Sometimes it is helpful to remove the paper, turn the stack over and put it back in the paper tray.
	Reduce the amount of paper in the paper tray, and then try again.
	Make sure **Manual** is not selected for **Paper Source** in the printer driver.
	Clean the paper pick-up rollers.
The machine does not feed paper from the Manual feed slot.	Use both hands to push one sheet of paper firmly into the manual feed slot until the top edge of the paper presses against the paper feed rollers. Continue pressing the paper against the rollers until the machine grabs the paper and pulls it in further. Put only one sheet of paper in the manual feed slot. Make sure **Manual** is selected for **Paper Source** in the printer driver.
The machine does not feed envelopes.	Load one envelope at a time in the manual feed slot. Your application must be set to print the envelope size you are using. This is usually done in the Page Setup or Document Setup menu of your application.

Telephone and Fax Problems

Related Models:Dell E515dn / Dell E515dw

Telephone Line or Connections

Difficulties	Suggestions
Dialing does not work. (No dial tone)	Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine. If you subscribe to DSL, VoIP or MagicJack services, call your service provider for connection instructions.
	(Available only for some countries.) Change the Tone/Pulse setting.
	Send a manual fax by pressing Hook button, and dialing the number. Wait to hear fax-receiving tones before pressing Start button.
	If there is no dial tone, connect a known working telephone and telephone line cord to the jack. Then lift the external telephone's handset and listen for a dial tone. If there is still no dial tone, ask your telephone company to check the line and/or wall jack.
The machine does not answer when called.	Make sure the machine is in the correct receive mode for your setup. Check for a dial tone. If possible, call your machine to hear it answer. If there is still no answer, check that the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine. If there is no ringing when you call your machine, ask your telephone company to check the line.

Handling Incoming Calls

Difficulties	Suggestions

Sending a Fax Call to the machine.	If you answered on an extension telephone, press your Fax Receive Code (the factory setting is *51). If you answered on the external telephone (connected to the EXT. jack), press Start button to receive the fax. When your machine answers, hang up.
Custom features on a single line.	If you have Call Waiting, Call Waiting/Caller ID, Caller ID, RingMaster, Voice Mail, an answering machine, an alarm system or other custom feature on a single telephone line with your machine, it may create a problem sending or receiving faxes. **For Example:** If you subscribe to Call Waiting or some other custom service and its signal comes through the line while your machine is sending or receiving a fax, the signal can temporarily interrupt or disrupt the faxes. Dell's ECM (Error Correction Mode) feature should help overcome this problem. This condition is related to the telephone system industry and is common to all devices that send and receive information on a single, shared line with custom features. If avoiding a slight interruption is crucial to your business, we recommend using a separate telephone line with no custom features.

Receiving Faxes

Difficulties	Suggestions
Cannot receive a fax.	Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine. If you subscribe to DSL, VoIP or MagicJack services, call your service provider for connection instructions. To lower the modem speed and turn off ECM (error correction mode), change the telephone line interference / VoIP settings.
	Make sure your machine has a dial tone by pressing Hook key or Hook button in Fax mode. If you hear static or interference on your fax line, contact your local telephone provider.
	Make sure the machine is in the correct Receive Mode. This is determined by the external devices and telephone subscriber services you have on the same line as the Dell machine. • If you have a dedicated fax line and want your Dell machine to automatically answer all incoming faxes, you should select Fax only mode. • If your Dell machine shares a line with an external answering machine, you should select the External TAD mode. In External TAD mode, your Dell machine will automatically receive incoming faxes and voice callers will be able to leave a message on your answering machine. • If your Dell machine shares the line with a Voice Mail subscriber service, see *Related Information*: Voice Mail • If your Dell machine is on a line with the Distinctive Ring subscriber service, see *Related Information*: Distinctive Ring • If your Dell machine shares a line with other telephones and you want it to automatically answer all incoming faxes, you should select the Fax/Tel mode. In Fax/Tel mode, your Dell machine will automatically receive faxes and produce a pseudo/double-ring to alert you to answer voice calls. • If you do not want your Dell machine to automatically answer any incoming faxes, you should select the Manual mode. In Manual mode, you must answer every incoming call and activate the machine to receive faxes.
	Another device or service at your location may be answering the call before your Dell machine answers. To test this, lower the ring delay setting: • If the Receive Mode is set to Fax Only or Fax/Tel, reduce the Ring Delay to 1 ring. See *Related Information*: Set the Number of Rings Before the Machine Answers (Ring Delay) • If the Receive Mode is set to External TAD, reduce the number of rings programmed on your answering machine to 2. • If the Receive Mode is set to Manual, DO NOT adjust the Ring Delay setting.

	Have someone send you a test fax: • If you received the test fax successfully, your machine is operating correctly. Remember to reset your Ring Delay or answering machine setting back to your original setting. If receiving problems recur after resetting the Ring Delay, then a person, device, or subscriber service is answering the fax call before the machine has a chance to answer. • If you were not able to receive the fax, then another device or subscriber service may be interfering with your fax reception or there may be a problem with your fax line.
	If you are using a telephone answering machine (External TAD mode) on the same line as the Dell machine, make sure your answering machine is set up correctly. **1. Plug the telephone line cord directly from the wall telephone jack to your Dell machine's LINE jack.** **2. Remove the protective cap from your Dell machine's EXT jack, and then plug the telephone line cord from your answering machine into the EXT jack.** **3. Set your answering machine to answer within 4 rings.** **If you are having problems receiving faxes or voice messages, set your answering machine to answer within 2 or 3 rings.** **4. Record the outgoing message on your answering machine.** • Record five seconds of silence at the beginning of your outgoing message. • Limit your speaking to 20 seconds. • End your outgoing message with your Fax Receive Code for people sending manual faxes. For example: "After the beep, leave a message or press *51 and Start to send a fax." **5. Set your answering machine to answer calls.** **6. Set your Dell machine's Receive Mode to External TAD.** **See *Related Information*: Choose the Correct Receive Mode**
	Make sure your Dell machine's Easy Receive feature is turned On. Easy Receive is a feature that allows you to receive a fax even if you answered the call on an external or extension telephone.
	If you often get transmission errors due to possible interference on the telephone line, try changing the Compatibility setting to Basic(for VoIP).

Sending Faxes

Difficulties	Suggestions
Cannot send a fax.	Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine. If you subscribe to DSL, VoIP or MagicJack services, call your service provider for connection instructions.
	Make sure you pressed Fax and the machine is in Fax mode.
	Print the Transmission Verification Report and check for an error.
	Ask the other party to check that the receiving machine has paper.
Poor sending quality.	Try changing your resolution to Fine or S.Fine. Make a copy to check your machine's scanner operation. If the copy quality is not good, clean the scanner.
Transmission Verification Report says RESULT:NG.	There is probably temporary noise or static on the line. Try sending the fax again. If you are sending a PC-Fax message and get RESULT:NG on the Transmission Verification Report, your machine may be out of memory. To free up extra memory, you can turn off fax storage, print fax messages in memory or cancel a delayed fax or polling job. If the problem continues, ask the telephone company to check your telephone line.
	If you often get transmission errors due to possible interference on the telephone line, try changing the Compatibility setting to Basic(for VoIP).

Sent faxes are blank.	Make sure you are loading the document correctly. When using the ADF, the document should be face up. When using the scanner glass, the document should be face down.
Vertical black lines when sending.	Black vertical lines on faxes you send are typically caused by dirt or correction fluid on the glass strip. Clean the glass strip.

Printing received faxes

Difficulties	Suggestions
• Condensed print • Horizontal streaks • Top and bottom sentences are cut off • Missing lines 	This is usually caused by a poor telephone connection. Make a copy; if your copy looks good, you probably had a bad connection, with static or interference on the telephone line. Ask the other party to send the fax again.
Vertical black lines when receiving	The corona wire for printing may be dirty. Clean the corona wire in the drum unit.
	The sender's scanner may be dirty. Ask the sender to make a copy to see if the problem is with the sending machine. Try receiving from another fax machine.
Received faxes appear as split or blank pages.	Left and right margins are cut off or a single page is printed on two pages.
	Turn on Auto Reduction.

Set Dial Tone Detection

Related Models:Dell E515dn / Dell E515dw

1. **Setting the Dial Tone to `Detection` will shorten the Dial Tone detect pause.**
2. **Press Menu.**
3. **Press ▲ or ▼ to display the `Initial Setup` option, and then press OK.**
4. **Press ▲ or ▼ to display the `Dial Tone` option, and then press OK.**
5. **Press ▲ or ▼ to choose the `Detection` or `No Detection`, and then press OK.**
6. **Press Cancel.**

Set Telephone Line Compatibility for Interference and VoIP Systems

Related Models:Dell E515dn / Dell E515dw

Problems sending and receiving faxes due to possible interference on the telephone line may be solved by lowering the modem speed to minimize errors in fax transmission. If you are using a Voice over IP (VoIP) service, Dell recommends changing the compatibility to Basic (for VoIP).

NOTE: VoIP is a type of phone system that uses an Internet connection, rather than a traditional phone line.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Miscellaneous` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Compatibility` option, and then press **OK**.
5. Press ▲ or ▼ to display the `High`, `Normal`, or `Basic (for VoIP)` option, and then press **OK**.

Option	Description
`High`	Select `High` to set the modem speed at 33600 bps.
`Normal`	Select `Normal` to set the modem speed at 14400 bps.
`Basic (for VoIP)`	Select `Basic (for VoIP)` to reduce the modem speed to 9600 bps and turn off Error Correction Mode (ECM). Unless interference is a recurring problem on your telephone line, you may prefer to use it only when needed. To improve compatibility with most VoIP services, Dell recommends changing the compatibility setting to `Basic (for VoIP)`.

6. Press **Cancel**.

Network Problems

- Error Messages
  Your Dell machine will display an error message if an error occurs. The most common error messages are shown in the chart.
- Where Can I Find My Dell Machine's Network Settings?
- I Cannot Complete the Wireless Network Setup Configuration.
- My Dell Machine Cannot Print or Scan over the Network.
- My Dell Machine is not Found on the Network Even After Successful Installation.
- My Security Settings are not Working Properly.
- I Want to Check that My Network Devices are Working Correctly.

Error Messages

Related Models:Dell E514dw / Dell E515dw

Your Dell machine will display an error message if an error occurs. The most common error messages are shown in the chart.

Error Messages	Cause	Action
`Cannot Connect A device is already connected.`	Two mobile devices are already connected to the Wi-Fi Direct network when the Dell machine is the Group Owner (G/O).	After the current connection between your Dell machine and another mobile device has shut down, try to configure the Wi-Fi Direct settings again. You can confirm the connection status by printing the Network Configuration Report.
`Connection Error`	Other devices are trying to connect to the Wi-Fi Direct network at the same time.	Make sure there are no other devices trying to connect to the Wi-Fi Direct network, and then try to configure the Wi-Fi Direct settings again.

Connection Fail	The Dell machine and your mobile device cannot communicate during the Wi-Fi Direct network configuration.	• Move the mobile device closer to your Dell machine. • Move your Dell machine and the mobile device to an obstruction-free area. • If you are using the PIN Method of WPS, make sure you have entered the correct PIN.
No Device	When configuring the Wi-Fi Direct network, the Dell machine cannot find your mobile device.	• Make sure your machine and mobile device are in the Wi-Fi Direct mode. • Move the mobile device closer to your Dell machine. • Move your Dell machine and the mobile device to an obstruction-free area. • If you are manually configuring the Wi-Fi Direct network, make sure you have entered the correct password. • If your mobile device has a configuration page for how to obtain an IP address, make sure the IP address of your mobile device has been configured via DHCP.

Where Can I Find My Dell Machine's Network Settings?

Use one of the following methods to find your Dell machine's network settings, for example, IP address, default gateway, and other settings:

- Print the Network Configuration Report
- Use your Dell machine's control panel

I Cannot Complete the Wireless Network Setup Configuration.

Related Models:Dell E514dw / Dell E515dw

Turn your wireless router off and back on. Then try to configure the wireless settings again. If you are unable to resolve the problem, follow the instructions below:

Investigate the problem using the WLAN Report.

Cause	Action	Interface

Your security settings (SSID/Network Key) are not correct.	• Select and confirm that you are using the correct security settings.
	  • See the instructions supplied with your wireless LAN access point/router for information on how to find the security settings.
	  • The manufacturer's name or model number of the wireless LAN access point/router may be used as the default security settings.
	  • Consult with the access point/router manufacturer, your Internet provider, or network administrator.
	• For definitions of SSID and Network Key, see the entries SSID, Network Key and Channels in the Glossary.
		Wireless

Your Dell machine's MAC address is not allowed.	Confirm that the Dell machine's MAC Address is allowed in the filter. You can find the MAC Address in your Dell machine's control panel.	Wireless
Your wireless LAN access point/router is in stealth mode (not broadcasting the SSID).	• Enter the correct SSID name or Network Key manually. • Check the SSID name or the Network Key in the instructions supplied with your wireless LAN access point/router and reconfigure the wireless network setup.	Wireless
Your security settings (SSID/password) are not correct.	• Confirm the SSID and password. • When you are configuring the network manually, the SSID and password are displayed on your Dell machine. If your mobile device supports the manual configuration, the SSID and password will be displayed on your mobile device's screen. • For the definition of SSID, see the Glossary.	Wi-Fi Direct
You are using Android™ 4.0.	If your mobile device disconnects (approximately six minutes after using Wi-Fi Direct), try the one-push configuration using WPS (recommended) and set the Dell machine as a G/O.	Wi-Fi Direct
Your Dell machine is placed too far from your mobile device.	Move your Dell machine within about 3.3 feet (1 meter) of the mobile device when you configure the Wi-Fi Direct network settings.	Wi-Fi Direct
There are some obstructions (walls or furniture, for example) between your machine and the mobile device.	Move your Dell machine to an obstruction-free area.	Wi-Fi Direct
There is a wireless computer, Bluetooth-supported device, microwave oven, or digital cordless phone near the Dell machine or the mobile device.	Move other devices away from the Dell machine or the mobile device.	Wi-Fi Direct
If you have checked and tried all of the above, but still cannot complete the Wi-Fi Direct configuration, do the following:	• Turn your Dell machine off and back on. Then try to configure the Wi-Fi Direct settings again. • If you are using your Dell machine as a client, confirm how many devices are allowed in the current Wi-Fi Direct network, and then check how many devices are connected.	Wi-Fi Direct

My Dell Machine Cannot Print or Scan over the Network.

Cause	Action	Interface
Your security software blocks your machine's access to the network. (The network scanning feature does not work.)	• (Windows®) Configure the third-party Security/Firewall Software to allow Network scanning. To add port 54925 for Network scanning, type the information below: • In **Name**: Type any description, for example Dell NetScan. • In **Port number**: Type 54925. • In **Protocol**: UDP is selected. See the instruction manual that came with your third-party Security/Firewall Software or contact the software manufacturer. • (Macintosh) Click the **Model** pop-up menu, and then select **Other....** The **Device Selector** window appears. Reselect your network machine, make sure **Status** is **idle**, and then click **OK**.	Wired/Wireless
Your security software blocks your machine's access to the network.	Some security software might block access without showing a security alert dialog box even after successful installation. To allow access, see the instructions for your security software or ask the software manufacturer.	Wired/Wireless
Your Dell machine was not assigned an available IP address.	• Confirm the IP address and the Subnet Mask. Verify that both the IP addresses and Subnet Masks of your computer and the Dell machine are correct and located on the same network. For more information about how to verify the IP address and the Subnet Mask, ask your network administrator.	Wired/Wireless

The failed print job is still in your computer's print queue.	• If the failed print job is still in your computer's print queue, delete it. • Otherwise, double-click the printer icon in the following folder and cancel all documents: • (Windows Server® 2003) Click **Start > Printers and Faxes.** • (Windows Vista®) Click **(Start) > Control Panel > Hardware and Sound > Printers.** • (Windows® 7) Click **(Start) > Devices and Printers > Printers and Faxes.** • (Windows® 8) Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Control Panel.** In the **Hardware and Sound** group, click **View devices and printers > Printers.** • (Windows Server® 2008) Click **Start > Control Panel > Printers.** • (Windows Server® 2012) Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings > Control Panel.** In the **Hardware** group, click **View devices and printers > Printers.** • (For Windows Server® 2012 R2) Click **Control Panel** on the **Start** screen. In the **Hardware** group, click **View devices and printers.** • OS X v10.8.x Click the **System Preferences > Print & Scan.** • OS X v10.9.x, v10.10.x Click the **System Preferences > Printers & Scanners.**	Wired/Wireless
Your Dell machine is not connected to the wireless network.	Print the WLAN Report to check the error code on the printed report.	Wireless

My Dell Machine is not Found on the Network Even After Successful Installation.

Cause	Action	Interface
Your security software blocks your machine's access to the network.	Some security software might block access without showing a security alert dialog box even after successful installation. To allow access, see the instructions for your security software or ask the manufacturer.	Wired/Wireless
Your Dell machine is not assigned with an available IP address.	Confirm the IP address and the Subnet Mask. Verify that both the IP addresses and Subnet Masks of your computer and the Dell machine are correct and located on the same network. For more information on how to verify the IP address and the Subnet Mask, ask your network administrator.	Wired/Wireless
Your Dell machine is not connected to the network using wireless capabilities.	Print the WLAN Report to check the error code on the printed report.	Wireless

My Security Settings are not Working Properly.

Cause	Action	Interface
When using the printing/scanning features, you did not accept the security alert dialog box.	If you did not accept the security alert dialog box, the firewall function of your security software may be rejecting access. Some security software might block access without showing a security alert dialog box. To allow access, see the instructions for your security software or ask the manufacturer.	Wired/Wireless
The required port number for the security software setting may be closed.	The following port numbers are used for Dell network features: • Network scanning *1: Port number 54925 / Protocol UDP • Network scanning/printing *1: Port number 161 and 137 / Protocol UDP For more information on how to open the port, see the instructions for the security software or ask the manufacturer.	Wired/Wireless

*1: Windows®

I Want to Check that My Network Devices are Working Correctly.

Check	Action	Interface
Check that your Dell machine, access point/router, or network hub is turned on.	Check the following: • The power cord is connected correctly and the Dell machine is turned on. • The access point/router or hub is turned on and its link button is blinking. • All protective packaging has been removed from the machine. • The toner cartridge and drum unit are installed correctly. • The front and back covers are fully closed. • Paper is inserted correctly in the paper tray. • (For wired networks) A network cable is securely connected to the Dell machine and to the router or hub.	Wired/Wireless
Check the **Link Status** in the Network Configuration Report.	Print the Network Configuration Report and check that **Ethernet Link Status** or **Wireless Link Status** is **Link OK**.	Wired/Wireless

Check that you can "ping" the Dell machine from your computer.	Ping the Dell machine from your computer using the IP address or the node name at the Windows® command prompt or Macintosh Terminal application: ping <ipaddress> or <nodename>. • Successful: Your Dell machine is working correctly and connected to the same network as your computer. • Unsuccessful: Your Dell machine is not connected to the same network as your computer. (Windows®) Ask the network administrator and use the Network Connection Repair Tool to fix the IP address and the subnet mask. (Macintosh) Confirm that the IP address and the Subnet Mask are set correctly.	Wired/Wireless
Check that your Dell machine is connected to the wireless network.	Print the WLAN Report to check the error code on the printed report.	Wireless

If you have checked and tried all of the above but you are still having problems, see the instructions supplied with your wireless LAN access point/router to find the SSID and the Network Key information and set them correctly.

Other Problems

Difficulties	Suggestions
The machine will not turn on.	Adverse conditions on the power connection (such as lightning or a power surge) may have triggered the machine's internal safety mechanisms. Unplug the power cord. Wait for ten minutes, then plug in the power cord and press to turn on the machine. If the problem is not solved, press and hold to turn off the machine. If you are using a backup battery or surge suppressor device, disconnect it to make sure it is not the problem. Plug the machine's power cord directly into a different known working wall outlet and press to turn on the machine.

The machine cannot print EPS data that includes binary with the Dell emulate PS printer driver.	**(Windows®)** To print EPS data, do the following: **1.** For Windows® 7 and Windows Server® 2008 R2: Click the **(Start)** button > **Devices and Printers.** For Windows Vista® and Windows Server® 2008: Click the **(Start)** button > **Control Panel** > **Hardware and Sound** > **Printers.** For Windows Server® 2003: Click the **Start** button > **Printers and Faxes.** For Windows® 8 and Windows Server® 2012: Move your mouse to the lower right corner of your desktop. When the menu bar appears, click **Settings** > **Control Panel**. In the **Hardware and Sound** *1 group, click **View devices and printers.** For Windows Server® 2012 R2: Click **Control Panel** on the **Start** screen. In the **Hardware** group, click **View devices and printers**. **2.** Right-click the **Dell MFP EXXXX PS emulate** icon, select **Printer properties.** **3.** From the **Device Settings** tab, choose TBCP (Tagged binary communication protocol) in **Output Protocol**. **(Macintosh)** If your machine is connected to a computer with a USB interface, you cannot print EPS data that includes binary. You can print the EPS data at the machine through a network.
The Dell software cannot be installed.	**(Windows®)** If the Security Software warning appears on the computer screen during the installation, change the Security Software settings to permit the Dell product setup program or other program to run. **(Macintosh)** If you are using a firewall function of anti-spyware or antivirus security software, temporarily disable it and then install the Dell software.

*1: For Windows Server® 2012: **Hardware and Sound**

Copying difficulties

Difficulties	Suggestions
Cannot make a copy.	Make sure you pressed Copy and the machine is in Copy mode.
Vertical black line appears in copies.	Black vertical lines on copies are typically caused by dirt or correction fluid on the glass strip, or the corona wire is dirty. Clean the glass strip and scanner glass and the white bar and white plastic above them.
Copies are blank.	Make sure you are loading the document correctly.

Scanning difficulties

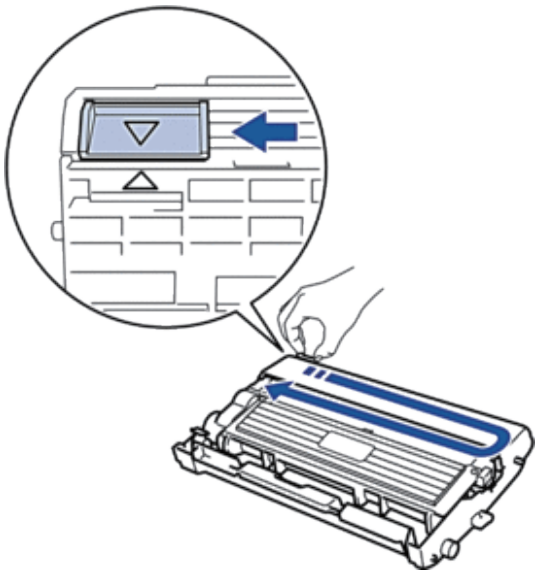
Difficulties	Suggestions
TWAIN or WIA errors appear when starting to scan. (Windows®)	Make sure the Dell TWAIN or WIA driver is selected as the primary source in your scanning application.
TWAIN or ICA errors appear when starting to scan. (Macintosh)	Make sure the Dell TWAIN driver is selected as the primary source. You can also scan documents using the ICA Scanner Driver.
OCR does not work.	Try increasing the scanning resolution.

Error and Maintenance Messages

As with any sophisticated office product, errors may occur and supply items may have to be replaced. If this happens, your machine identifies the error or required routine maintenance and shows the appropriate message. The most common error and maintenance messages are shown in the table.

Follow the instructions in the Actions to improve the status.

Error Message	Cause	Action
2-sided Disabled	The back cover of the machine is not closed completely.	Close the back cover of the machine until it locks in the closed position.
	The 2-sided tray is not installed completely.	Install the 2-sided tray firmly in the machine.
Cartridge Error Put the Toner Cartridge back in	The toner cartridge is not installed correctly.	Pull out the drum unit and toner cartridge assembly, take out the toner cartridge, and put it back in the drum unit again. Put the drum unit and toner cartridge assembly back in the machine. If the problem continues, contact Dell Customer Service or your local Dell dealer.
Comm. Error	Poor telephone line quality caused a communication error.	Send the fax again or connect the machine to another telephone line. If the problem continues, contact the telephone company and ask them to check your telephone line.
Cover is Open.	The front cover is not completely closed.	Open and then firmly close the front cover of the machine.
	The fusing unit cover is not completely closed or paper was jammed in the back of the machine when you turned on the power.	Close the fusing unit cover located inside the back cover of the machine.
	The ADF cover is not completely closed.	Close the ADF cover of the machine. If the error message remains, press, **Cancel**.
Disconnected	The other person or other person's fax machine stopped the call.	Try to send or receive again. If calls are stopped repeatedly and you are using a VoIP (Voice over IP) system, try changing the Compatibility to Basic (for VoIP).
Document Jam	The document was not inserted or fed correctly, or the document scanned from the ADF was too long.	Remove the jammed paper from the ADF unit. Clear any debris or scraps of paper from the ADF unit paper path. Press **Cancel**.
DR Mode in Use	The machine is set to Distinctive Ring mode. You cannot change the Receive Mode from Manual to another mode.	Set Distinctive Ring to Off.

Drum !	The corona wire on the drum unit must be cleaned.	Clean the corona wire on the drum unit. 
	The drum unit or the toner cartridge and drum unit assembly is not installed correctly.	Put the toner cartridge in the drum unit. Then reinstall the toner cartridge and drum unit assembly in the machine.
Drum End Soon	The drum unit is near the end of its life.	Order a new drum unit before you get the Replace Drum message.
Jam 2-sided	The paper is jammed in the 2-sided paper tray.	Pull the paper tray and the 2-sided tray out completely, open the back cover and then remove the jammed paper. Close the back cover, and put the paper tray and the 2-sided tray firmly back in the machine.
Jam Inside	The paper is jammed inside the machine.	Open the front cover and remove the toner cartridge and drum unit assembly. Pull out the jammed paper. Close the front cover. If the error message remains, press **Start**.
Jam Rear	The paper is jammed in the back of the machine.	Open the fusing unit cover and remove the jammed paper. Close the fusing unit cover. If the error message remains, press **Start**.
Jam Tray	The paper is jammed in the paper tray.	Pull the paper tray out completely and remove the jammed paper. Put the paper tray firmly back in the machine.
Manual Feed	**Manual** was selected as the paper source in the printer driver when there was no paper in the manual feed slot.	Place paper in the manual feed slot.
No Caller ID	There is no incoming call history. You did not receive calls or you have not subscribed to the Caller ID service from your telephone company.	If you want to use the Caller ID feature, call your telephone company.
No Paper	The machine is out of paper, or paper is not loaded correctly in the paper tray.	• Refill paper in the paper tray. Make sure the paper guides are set to the correct size. • Remove the paper and load it again. Make sure the paper guides are set to the correct size. • Make sure not to overfill the paper tray.

No Response/Busy	The number you dialed does not answer or is busy.	Verify the number and try again.
No Toner	The toner cartridge or the toner cartridge and drum unit assembly is not installed correctly.	Remove the toner cartridge and drum unit assembly. Remove the toner cartridge from the drum unit, and reinstall the toner cartridge back in the drum unit. Reinstall the toner cartridge and drum unit assembly back in the machine. If the problem continues, replace the toner cartridge with a new one.
Out of Memory	The machine's memory is full.	**If a fax-sending or copy operation is in process** Do one of the following: • Press **Start** to send or copy the scanned pages. • Press **Cancel** and wait until the other operations in progress finish, and then try again. • Print the faxes that are in the memory. • Clear the data in the memory. To gain extra memory, you can turn off Memory Receive. **If a print operation in process** Do one of the following: • Reduce the print resolution. • Clear the faxes from the memory.
Print Unable XX	The machine has a mechanical problem.	• Press and hold to turn off the machine, wait a few minutes, and then turn it on again. • If the problem continues, contact Dell Customer Service.
Replace Drum	It is time to replace the drum unit.	Replace the drum unit.
	The drum unit counter was not reset when a new drum was installed.	Reset the drum unit counter.
Replace Toner	The toner cartridge is at the end of its life. The machine stops all print operations. While memory is available, faxes are stored in the memory.	Replace the toner cartridge with a new one.
Scan Unable XX	The machine has a mechanical problem.	• Press and hold to turn off the machine, and then turn it on again. • If the problem continues, contact Dell Customer Service.
Self-Diagnostic	The temperature of the fusing unit does not rise to a specified temperature within the specified time.	• Press and hold to turn off the machine, wait a few seconds, and then turn it on again. Leave the machine idle for 15 minutes with the power on.
	The fusing unit is too hot.	

Size Error DX	The paper size specified in the printer driver and the machine's menu are not available for automatic 2-sided printing.	Press **Cancel**. Choose a paper size supported by 2-sided printing. Paper sizes available for automatic 2-sided printing are Letter, Legal and Folio.
	The paper in the tray is not the correct size and is not available for automatic 2-sided printing.	Load the correct size of paper in the tray and set the tray for that paper size. Paper sizes available for automatic 2-sided printing are Letter, Legal and Folio.
Size mismatch	The paper in the tray is not the correct size.	Load the correct size of paper in the tray and set the size of paper to the tray.
Toner Ended	The toner cartridge is at the end of its life. The machine stops all print operations.	Replace the toner cartridge with a new one.
Toner Low	If the LCD displays this message you can still print. The toner cartridge is near the end of its life.	Order a new toner cartridge now so a replacement toner cartridge is available when the LCD shows Replace Toner.
Wait for a while	The temperature of the inside of the machine is too hot. The machine will pause its current print job and go into cooling down mode. During the cooling down mode, you will hear the cooling fan running while the LCD displays Wait for a while.	Make sure you can hear the fan in the machine spinning and that the exhaust outlet is not blocked by something. If the fan is spinning, remove any obstacles that surround the exhaust outlet, and then leave the machine turned on but do not use it for several minutes. If the fan is not spinning, disconnect the machine from the power for several minutes, then reconnect it.

Transfer Your Faxes or Fax Journal Report

Related Models:Dell E515dn / Dell E515dw

If the LCD shows:

- Print Unable XX
- Scan Unable XX

We recommend transferring your faxes to another fax machine or to your computer.

You can also transfer the Fax Journal report to see if there are any faxes you must transfer.

NOTE: If there is an error message on the LCD after the faxes have been transferred, disconnect the machine from the power source for several minutes, and then reconnect it.

Transfer Faxes to Another Fax Machine

Related Models:Dell E515dn / Dell E515dw

If you have not set up your Station ID, you cannot enter fax transfer mode.

1. Press **Menu**.
2. Press ▲ or ▼ to display the Service option, and then press **OK**.
3. Press **OK** to select Data Transfer.
4. Press ▲ or ▼ to display the Fax Transfer option, and then press **OK**.
5. Do one of the following:

- If the LCD shows `No Data`, there are no faxes left in the machine's memory. Press **Cancel**.
- Enter the fax number to which faxes will be forwarded. Press **Start**.

Transfer the Fax Journal Report to Another Fax Machine

Related Models:Dell E515dn / Dell E515dw

If you have not set up your Station ID, you cannot enter fax transfer mode.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Service` option, and then press **OK**.
3. Press **OK** to select `Data Transfer`.
4. Press ▲ or ▼ to display the `Report Trans`. option, and then press **OK**.
5. Enter the destination fax number for the Fax Journal.
6. Press **Start**.

Document Jams

- Document is Jammed in the Top of the ADF Unit
- Document is Jammed under the Document Cover
- Remove Small Scraps of Paper Jammed in the ADF

Document is Jammed in the Top of the ADF Unit

1. Remove any paper from the ADF that is not jammed.
2. Open the ADF cover.
3. Pull the jammed document out to the left. If the document rips or tears, be sure you remove any debris or scraps to prevent future jams.

4. Close the ADF cover.
5. Press **Cancel**.

Document is Jammed under the Document Cover

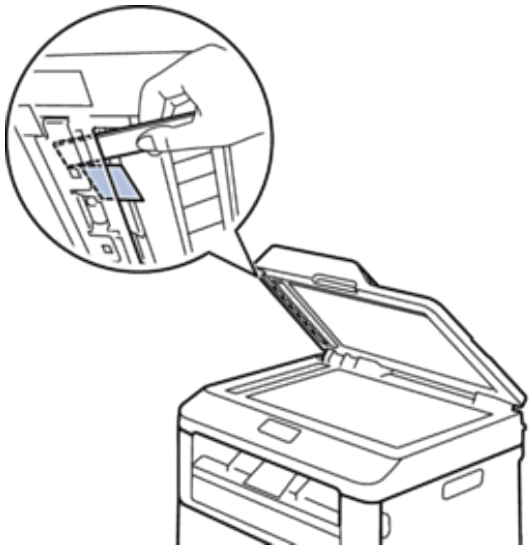
1. Remove any paper from the ADF that is not jammed.

2. Lift the document cover.
3. Pull the jammed document out to the right. If the document rips or tears, be sure you remove any debris or scraps to prevent future jams.

4. Close the document cover.
5. Press **Cancel**.

Remove Small Scraps of Paper Jammed in the ADF

1. Lift the document cover.
2. Insert a piece of stiff paper, such as cardstock, into the ADF to push any small paper scraps through.



3. Close the document cover.
4. Press **Cancel**.

Paper Jams

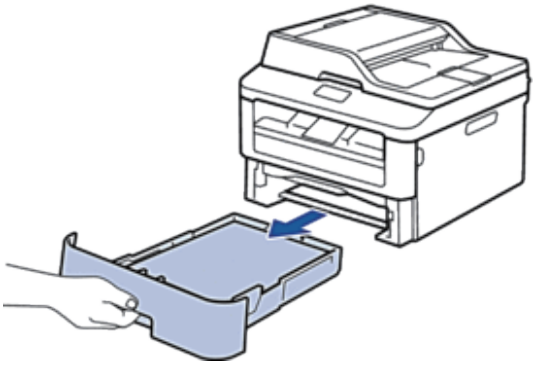
Always remove the remaining paper from the paper tray and straighten the stack when you are adding new paper. This helps prevent multiple sheets of paper from feeding through the machine at one time and prevents paper jams.

- Paper is Jammed in the Paper Tray
- Paper is Jammed in the Output Paper Tray
- Paper is Jammed at the Back of the Machine
- Paper is Jammed inside the Machine
- Paper is Jammed in the 2-sided Tray

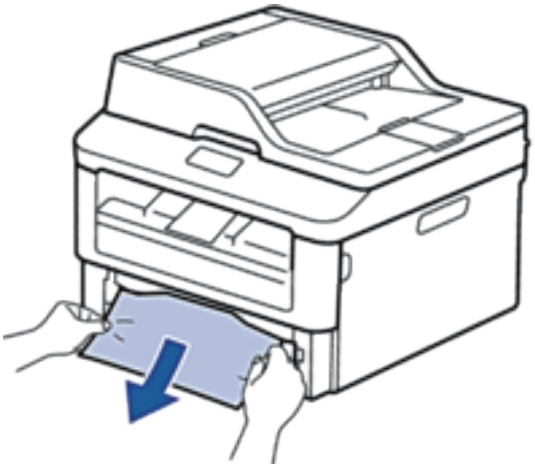
Paper is Jammed in the Paper Tray

If the machine's control panel or the Status Monitor (for Macintosh only) displays there is a jam in the paper tray, do the following steps.

1. **Pull the paper tray completely out of the machine.**

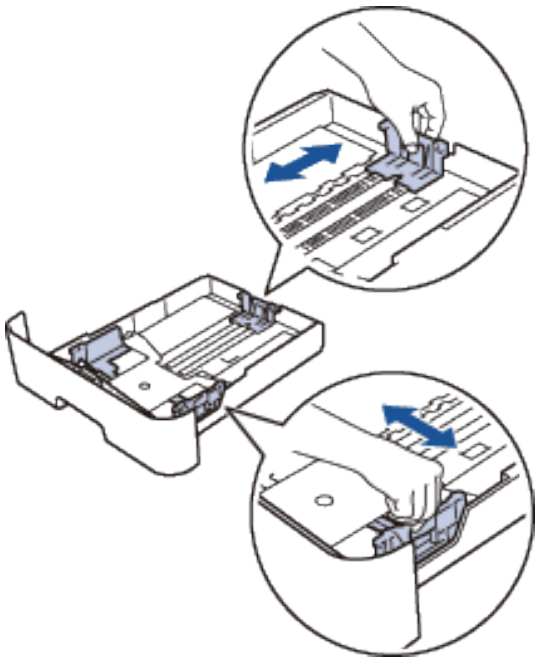


2. **Slowly pull out the jammed paper.**

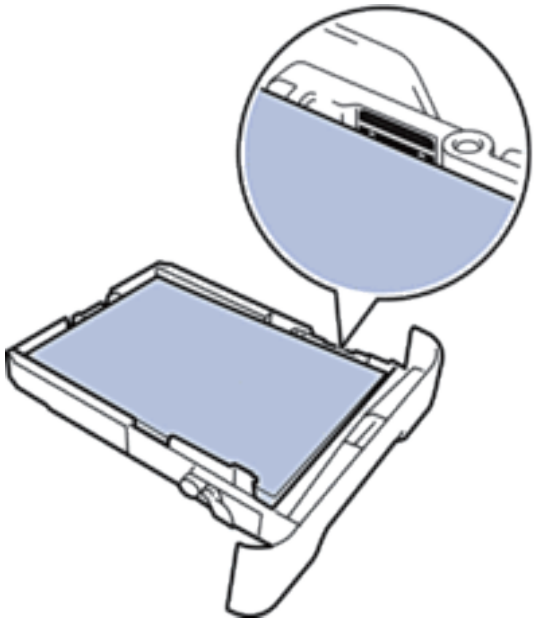


   Pulling the jammed paper downward using both hands allows you to remove the paper more easily.

3. **Fan the stack of paper to prevent further jams, and slide the paper guides to fit the paper size.**



4. Make sure the paper is below the "MAX" mark.

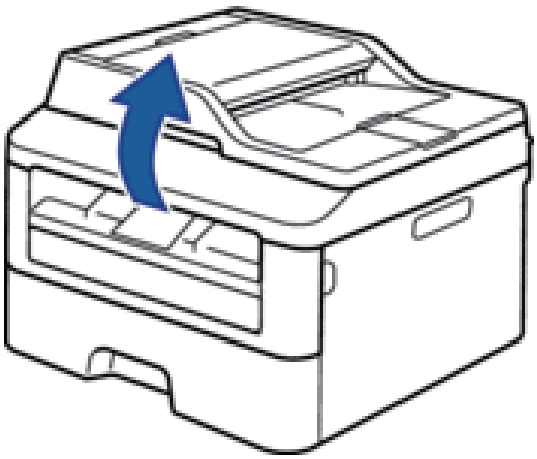


5. Put the paper tray firmly back in the machine.

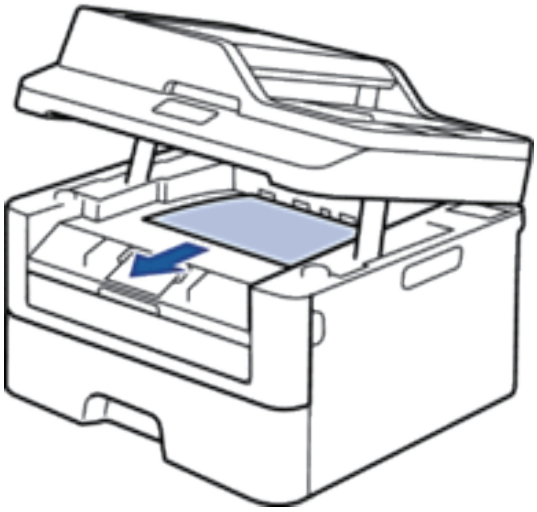
Paper is Jammed in the Output Paper Tray

When the paper is jammed in the output paper tray, do the following:

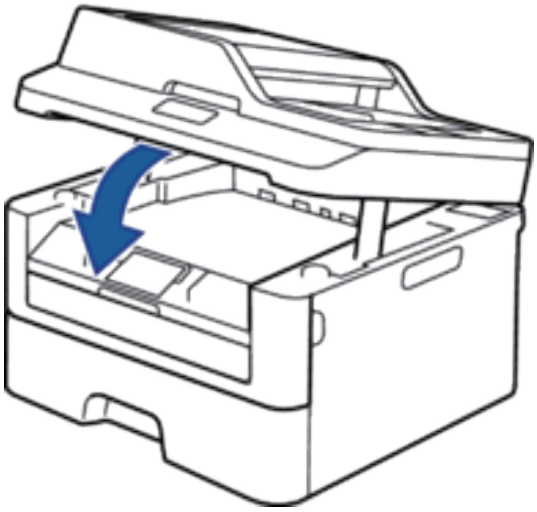
1. Use both hands to open the scanner.



2. Remove the paper.



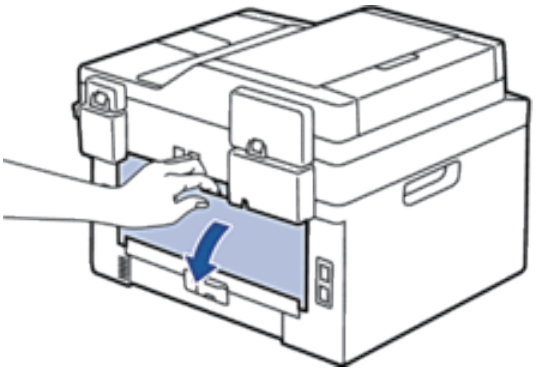
3. Push the scanner down with both hands to close it.



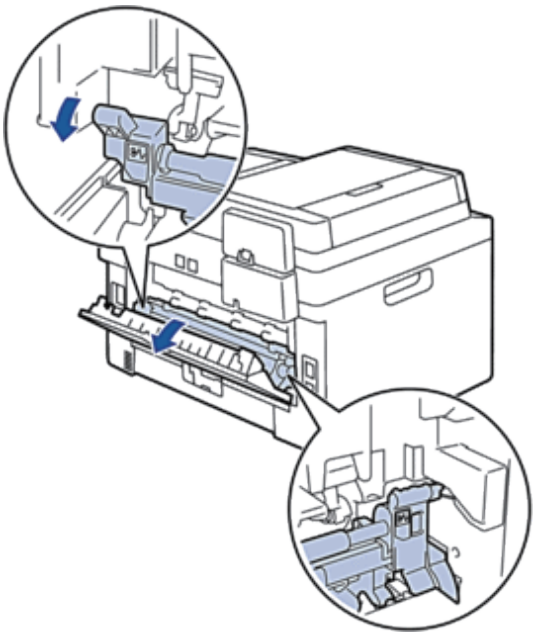
Paper is Jammed at the Back of the Machine

If the machine's control panel or the Status Monitor (for Macintosh only) indicates that there is a jam in the back (Rear) of the machine, complete the following:

1. **Leave the machine turned on for 10 minutes. This allows the internal fan to cool the extremely hot parts inside the machine.**
2. **Open the back cover.**



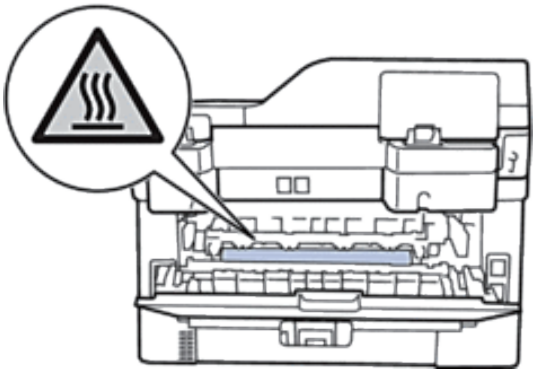
3. **Pull the black tabs at the left and right sides toward you to release the fusing unit cover.**



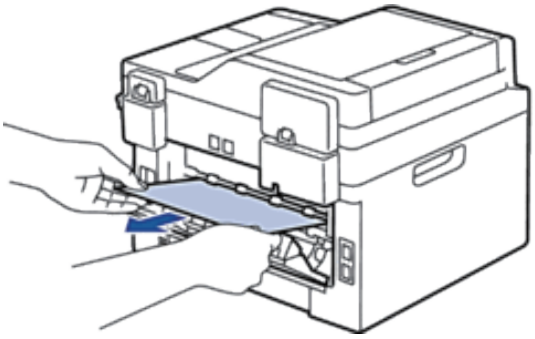
WARNING

HOT SURFACE

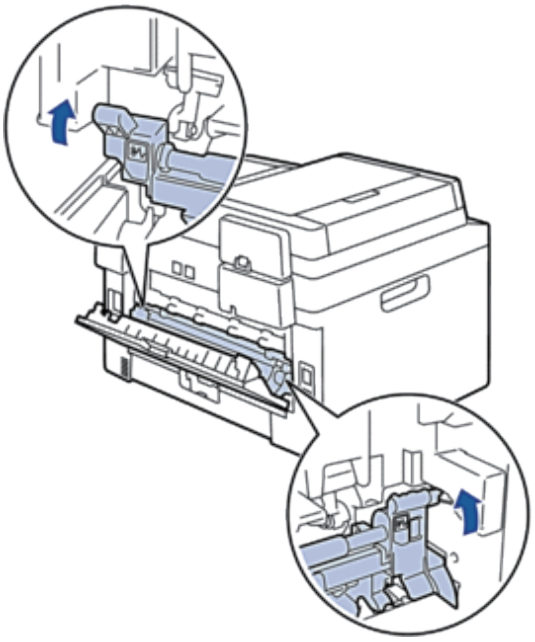
The machine's internal parts will be extremely hot. Wait for the machine to cool down before touching them.



4. Use both hands to gently pull the jammed paper out of the fusing unit.



5. Close the fusing unit cover. Make sure the black tabs at the left and right sides lock into place.



6. Close the back cover until it locks in the closed position.

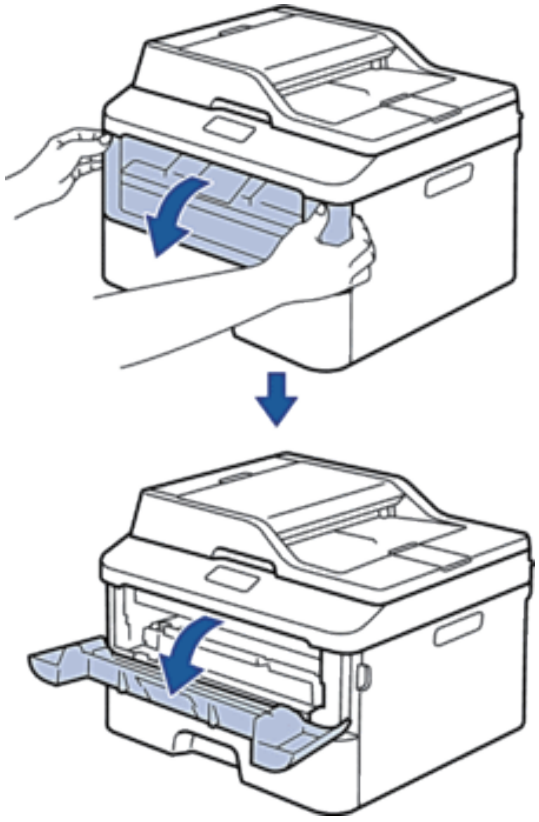
Paper is Jammed inside the Machine

If the machine's control panel or the Status Monitor (for Macintosh only) indicates that there is a jam inside the machine, do the following:

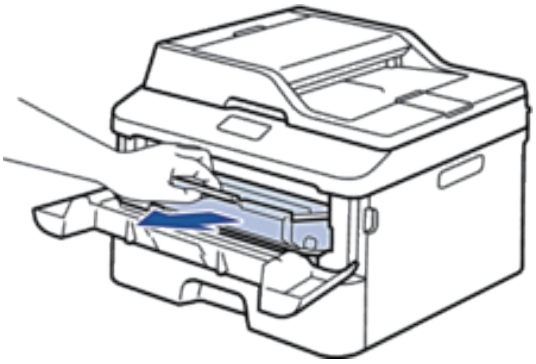
⚠ CAUTION

Do not attempt to remove a paper jammed deeply inside the product, particularly a paper wrapped around a heat roller. Otherwise, it may cause injuries or burns, and even worse, may generate smoke if you keep operating the product with a paper jammed. Switch off the product promptly and contact your local Dell representative for more information.

1. Leave the machine turned on for 10 minutes. This allows the internal fan to cool the extremely hot parts inside the machine.
2. Open the front cover.



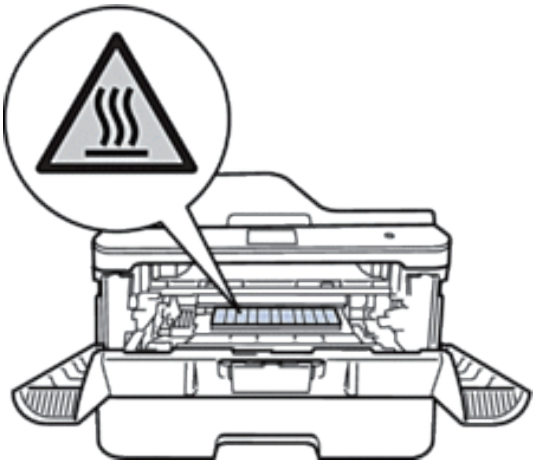
3. Remove the toner cartridge and drum unit assembly.



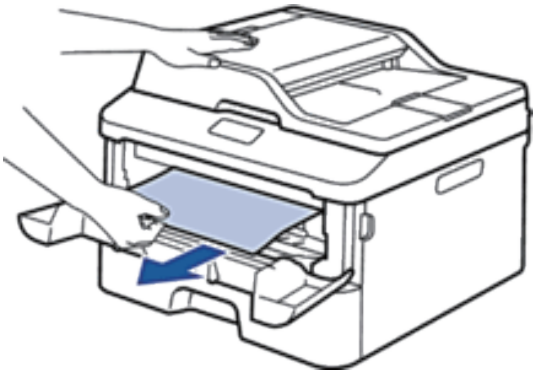
WARNING

HOT SURFACE

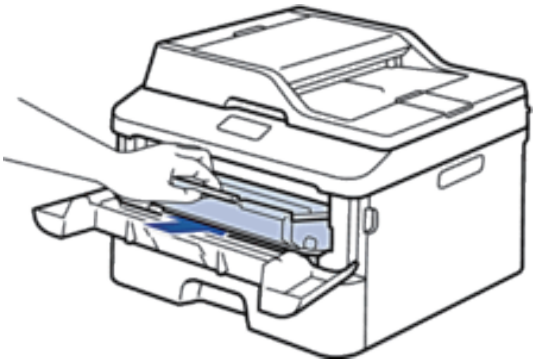
The machine's internal parts will be extremely hot. Wait for the machine to cool down before touching them.



4. Pull out the jammed paper slowly.



5. Install the toner cartridge and drum unit assembly into the machine.

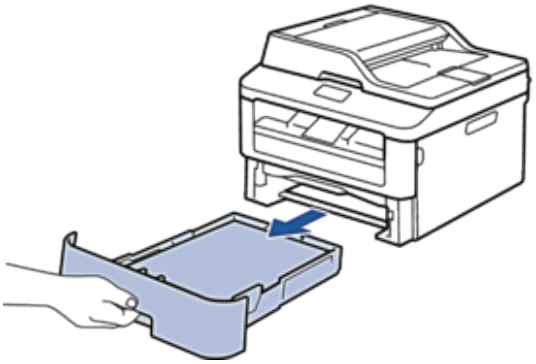


6. Close the front cover.

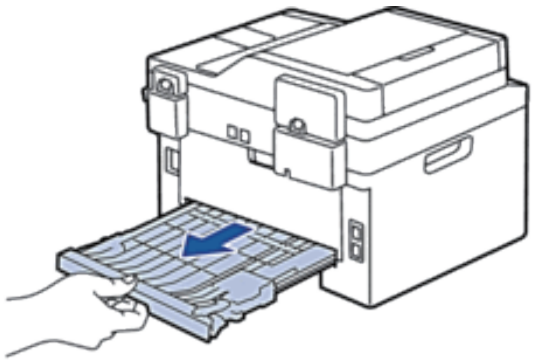
Paper is Jammed in the 2-sided Tray

If the machine's control panel or the Status Monitor (for Macintosh only) indicates that there is a jam in the 2-sided paper tray, do the following:

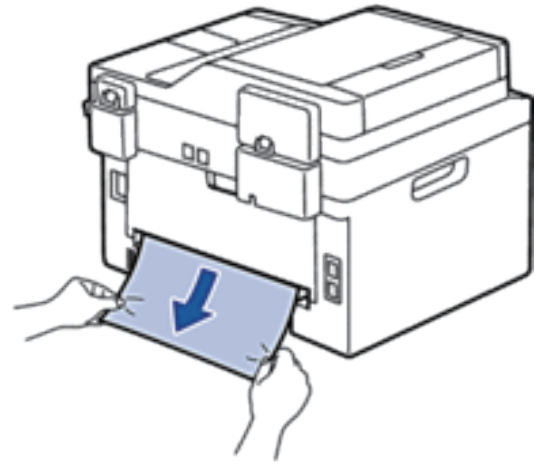
1. Leave the machine turned on for 10 minutes. This allows the internal fan to cool the extremely hot parts inside the machine.
2. Pull the paper tray completely out of the machine.

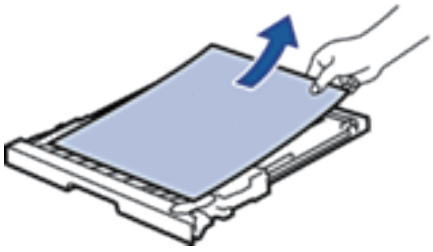


3. At the back of the machine, pull the 2-sided tray completely out of the machine.

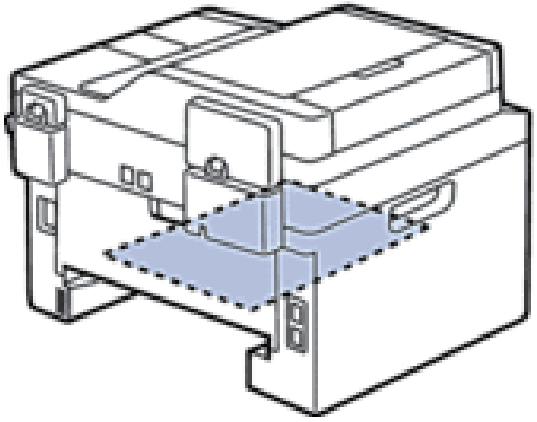


4. Pull the jammed paper out of the machine or out of the 2-sided tray.

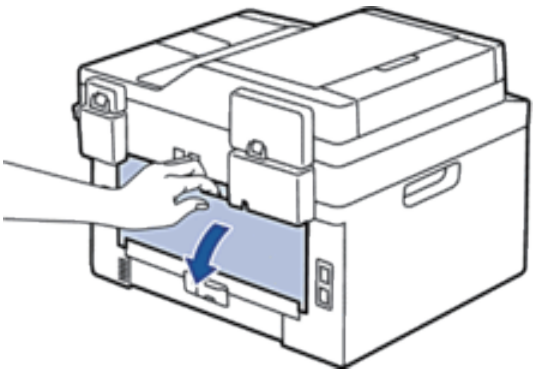




5. Remove paper that may have jammed under the machine due to static electricity.



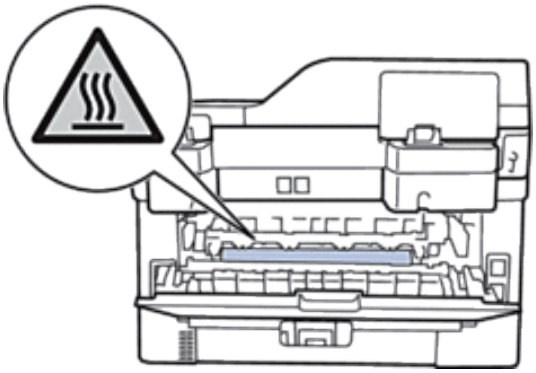
6. If paper is not caught inside the 2-sided tray, open the back cover.



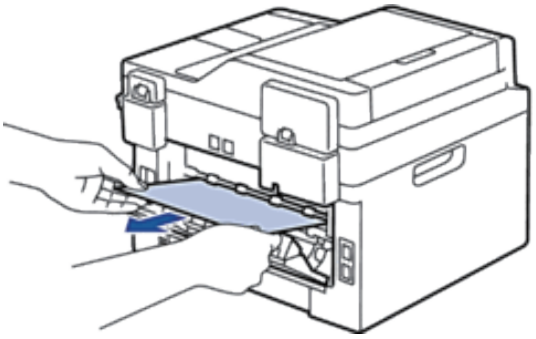
WARNING

HOT SURFACE

The machine's internal parts will be extremely hot. Wait for the machine to cool down before touching them.



7. Use both hands to gently pull the jammed paper out of the back of the machine.



8. Close the back cover until it locks in the closed position.
9. Put the 2-sided tray firmly back in the rear of the machine.
10. Put the paper tray firmly back in the front of the machine.

Improve the Print Quality

If you have a print quality problem, print a test page first. If the printout looks good, the problem is probably not the machine. Check the interface cable connections and try printing a different document. If the printout or test page printed from the machine has a quality problem, check the examples of poor print quality in the table and follow the recommendations.

IMPORTANT

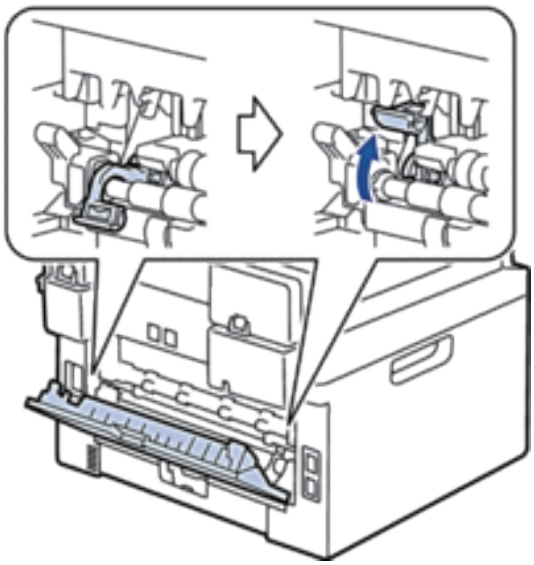
Using non-Dell supplies may affect the print quality, hardware performance, and machine reliability.

1. **To get the best print quality, we suggest using recommended print media. Make sure you use paper that meets our specifications.**
2. **Check that the toner cartridge and drum unit are installed correctly.**

Examples of poor print quality	Recommendation
 Faint	• If the machine indicates Replace Toner status, put in a new toner cartridge. • Check the machine's environment. Conditions such as humidity, high temperatures, and so on, may cause this print fault. • If the whole page is too light, Toner Save may be turned on. Turn off Toner Save mode in the machine's menu settings or the printer driver. • Clean the drum unit. • Clean the corona wire of the drum unit. • Replace the toner cartridge with a new toner cartridge. • Replace the drum unit with a new drum unit.
 Gray background	• Check the machine's environment. Conditions such as high temperatures and high humidity can increase the amount of background shading. • Clean the drum unit. • Replace the toner cartridge with a new toner cartridge. • Replace the drum unit with a new drum unit.

Ghost

- Check the machine's environment. Conditions such as low humidity and low temperatures may cause this print quality problem.
- Select the appropriate media type in the printer driver.
- Make sure the two levers inside the back cover are in the up position. Pull up the two levers until they stop.



- Clean the drum unit.
- Replace the drum unit with a new drum unit.
- Replace the toner cartridge with a new toner cartridge.
- The fusing unit may be contaminated.
  Contact Dell Customer Service.

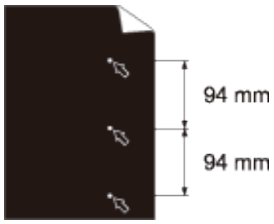
Toner specks

- Clean the corona wire on the drum unit.
- The drum unit may be damaged.
  Replace the drum unit with a new drum unit.
- The fusing unit may be contaminated.
  Contact Dell Customer Service.

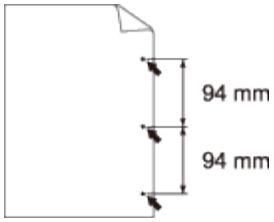
Hollow print

- Select **Thick Paper** mode in the printer driver or use thinner paper than you are currently using.
- Check the machine's environment. Conditions such as high humidity can cause hollow print.
- The drum unit may be damaged.
  Replace the drum unit with a new drum unit.

 All black	• Clean the corona wire inside the drum unit by sliding the tab. Make sure you return the tab to the home position (▲). • The drum unit may be damaged. Replace the drum unit with a new drum unit.
 White lines across the page	• Select the appropriate media type in the printer driver. • The problem may disappear by itself. Print multiple blank pages to clear this problem, especially if the machine has not been used for a long time. • Clean the drum unit. • The drum unit may be damaged. Replace the drum unit with a new drum unit.
 Lines across the page	• Clean the corona wire inside the drum unit. • Clean the drum unit. • The drum unit may be damaged. Replace the drum unit with a new drum unit.
 White lines, bands or ribbing across the page	• Check the machine's environment. Conditions such as high humidity and high temperatures may cause this print quality problem. • Clean the drum unit. • If the problem is not solved after printing a few pages, replace the drum unit with a new drum unit.



White Spots on black text and graphics at 3.7 in. (94 mm) intervals



Black spots at 3.7 in. (94 mm) intervals

- Make 10-15 copies of a blank, white sheet of paper. If the problem is not solved after printing the blank pages, the drum unit may have foreign material, such as glue from a label, stuck on the drum. Clean the drum unit.
- The drum unit may be damaged.
  Replace the drum unit with a new drum unit.

Black toner marks across the page

- If you use label sheets for laser printers, the glue from the sheets may sometimes stick to the drum surface. Clean the drum unit.
- If you used paper that has clips or staples, the drum unit may be damaged.
- If the unpacked drum unit is in direct sunlight (or room light for long periods of time), the unit may be damaged.
- Clean the drum unit.
- The toner cartridge may be damaged.
  Replace the toner cartridge with a new toner cartridge.
- The drum unit may be damaged.
  Replace the drum unit with a new drum unit.

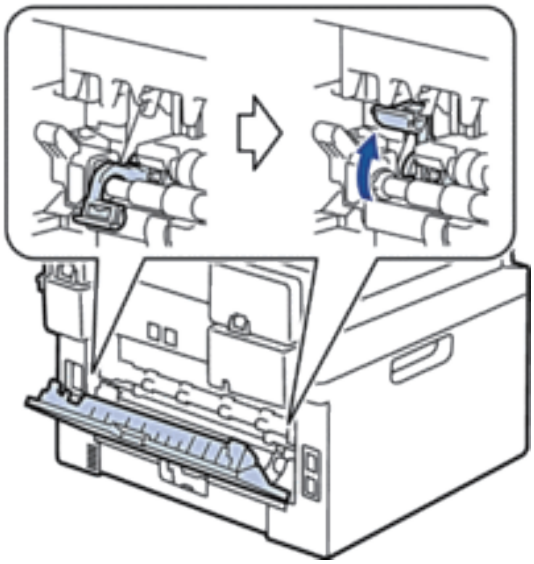
Black lines down the page Printed pages have toner stains down the page

- Clean the corona wire inside the drum unit by sliding the tab.
  Make sure you return the tab to the home position (▲).
- The toner cartridge may be damaged.
  Replace the toner cartridge with a new toner cartridge.
- The drum unit may be damaged.
  Replace the drum unit with a new drum unit.
- The fusing unit may be contaminated.
  Contact Dell Customer Service.

 White lines down the page	• Make sure foreign material such as a torn piece of paper, sticky notes or dust is not inside the machine and around the toner cartridge and drum unit. • The toner cartridge may be damaged. Replace the toner cartridge with a new toner cartridge. • The drum unit may be damaged. Replace the drum unit with a new drum unit.
 Image skewed	• Make sure the paper or other print media is loaded correctly in the paper tray and the guides are not too tight or too loose against the paper stack. • Set the paper guides correctly. • The paper tray may be too full. • Check the paper type and quality. • Check for loose objects such as torn paper inside the machine. • (For automatic 2-sided printing models) If the problem only occurs during 2-sided printing, check for torn paper in the 2-sided tray, verify the 2-sided tray is inserted completely and the back cover is closed completely.
 Curled or wavy	• Check the paper type and quality. High temperatures and high humidity will cause paper to curl. • If you do not use the machine often, the paper may have been in the paper tray too long. Turn over the stack of paper in the paper tray. Also, fan the paper stack, and then rotate the paper 180° in the paper tray. • Open the back cover (face-up output tray) to let the printed paper exit onto the face-up output tray. • Choose **Reduce Paper Curl** mode in the printer driver when you do not use our recommended print media.
 Wrinkles or creases	• Make sure paper is loaded correctly. • Check the paper type and quality. • Turn over the stack of paper in the tray or rotate the paper 180° in the input tray.

Poor fixing

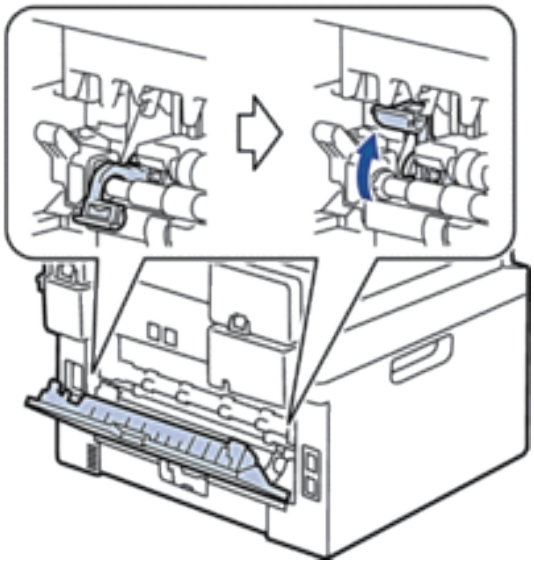
- Make sure the two levers inside the back cover are in the up position. Pull up the two levers until they stop.



- Make sure the media type setting in the driver matches the type of paper you are using.
- Choose **Improve Toner Fixing** mode in the printer driver. If this selection does not provide enough improvement, change the printer driver setting in **Media Type** to a thick setting. If you are printing an envelope, choose **Env. Thick** in the media type setting.

Envelope creases

- Make sure the two levers inside the back cover are pulled down to the envelope position when you print envelopes. After you have finished printing, reset the levers back to their original positions. Pull up the levers until they stop.



- Make sure envelopes are printed with the back cover (face-up output tray) opened.
- Make sure envelopes are fed only from the manual feed slot.

Machine Information

- Check the Serial Number
- Check the Firmware Version
- Reset Functions
- How to Reset the Machine

Check the Serial Number

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Machine Info.` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Serial No.` option, and then press **OK**.
   The machine displays the serial number on the LCD.
4. Press **Cancel**.

Check the Firmware Version

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Machine Info.` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Version` option, and then press **OK**.
   The machine displays the firmware version on the LCD.
4. Press **Cancel**.

Reset Functions

The following reset functions are available:

NOTE: Unplug the interface cable before you choose Network Settings Reset function, All Settings Reset function or Factory Reset function.

NOTE: Subdivided reset functions are not available for some models.

1. Machine Reset
   This function resets the following settings:
   - Programmed fax jobs in the memory (For Dell E515dn/Dell E515dw) (Delayed Fax, Batch TX)
   - Coverpage Message (For Dell E515dn/Dell E515dw)
   - Remote Fax Options (For Dell E515dn/Dell E515dw) (Remote Access Code, Fax Storage, Fax Forwarding and PC-Fax Send)
   - Setting Lock password (For Dell E515dn/Dell E515dw)
   - Language Setting
2. Network Settings Reset
   You can reset the print server back to its default factory settings, such as the password and IP address information.
3. Address Book and Fax Settings Reset (For Dell E515dn/Dell E515dw)

This function resets the following settings:

- Address Book
  (One Touch Dial / Speed Dial / Setup Groups)
- Programmed fax jobs in the memory
  (Delayed Fax, Batch TX)
- Station ID
  (name and number)
- Coverpage Message
- Remote Fax Options
  (Remote Access Code, Fax Storage, Fax Forwarding and PC-Fax Send)
- Report
  (Transmission Verification Report/ Tel Index List/Fax Journal)
- Setting Lock password

4. **All Settings Reset**
   You can reset all the machine's settings back to the settings that were set at the factory.
   All Settings Reset takes less time than Factory Reset.
5. **Factory Reset (For Dell E515dn/Dell E515dw)**
   Use the Settings Reset function to reset all machine settings to the settings originally set at the factory.
   Factory Reset takes more time than All Settings Reset.
   Dell strongly recommends you perform this operation when you dispose of the machine.

   NOTE: Unplug the interface cable before you choose Network Settings Reset function, All Settings Reset function or Factory Reset function.

How to Reset the Machine

1. Press **Menu**.
2. Do one of the following:
   - For Dell E515dn/Dell E515dw
     Press ▲ or ▼ to display the `Initial Setup` option, and then press **OK**.
   - For Dell E514dw
     Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Reset` option, and then press **OK**.
4. Press ▲ or ▼ to choose the type of reset you want to perform, and then press **OK**.

   NOTE: Subdivided reset functions are not available for some models.
5. Press the option in the table to reset the machine or to exit the process.

Option	Description
1 or ▲	Reset the machine.
2 or ▼	The machine will exit and cancel the reset menu.

The LCD displays `Reboot OK?`.

6. Press the option in the table to reboot the machine or to exit the process.

Option	Description
1 or ▲	Reboot the machine. The machine will begin the reset.
2 or ▼	The machine will exit without rebooting.

NOTE: If you do not reboot your machine, the reset process will not finish and your settings will remain unchanged.

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Check the Remaining Life of Parts. 323
Pack and Ship Your Dell Machine 323

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Routine Maintenance

- Replace Supplies
  You must replace supplies when the machine indicates that the life of the supply is over.
- Clean the Machine
  Clean the outside and inside of the machine regularly with a dry, lint-free cloth.
- Check the Remaining Life of Parts
- Pack and Ship Your Dell Machine

Replace Supplies

You must replace supplies when the machine indicates that the life of the supply is over.
You can replace the following supplies yourself.
Using non-Dell supplies may affect the print quality, hardware performance, and machine reliability.

NOTE: The toner cartridge and drum unit are two separate supplies. Make sure both are installed as an assembly.

To avoid any inconvenience, you may want to buy spare supplies to keep as replacements before the machine stops printing.

⚠ WARNING

- Never use a vacuum cleaner for spilled toner and residual toner in this product, toner cartridge or toner bottle. It may catch fire by electric sparks inside a vacuum cleaner and cause explosion. Use a broom or a wet cloth to wipe off the spills. If you spill a large volume of toner, contact your local Dell representative.
- Never throw a toner cartridge into an open flame. Remaining toner in the cartridge may catch fire and cause burn injuries or explosion. If you have a used toner cartridge no longer needed, contact your local Dell representative for its disposal.

⚠ CAUTION

- Keep drum cartridges (or drum if not a cartridge type) and toner cartridges out of the reach of children. If a child accidentally swallows toner, spit it out, rinse mouth with water, drink water and consult a physician immediately.
- When replacing drum cartridges (or drum if not a cartridge type) and toner cartridges, be careful not to spill the toner. In case of any toner spills, avoid contact with clothes, skin, eyes and mouth as well as inhalation.
- If toner spills onto your skin or clothing, wash it off with soap and water. If you get toner particles in the eyes, wash it out with plenty of water for at least 15 minutes until irritation is gone. Consult a physician if necessary.

IMPORTANT

- Dell machines are designed to work with toner of a particular specification and will work to a level of optimum performance when used with Dell Original toner cartridges. Dell cannot guarantee this optimum performance if toner or toner cartridges of other specifications are used. The machine may not detect toner or toner cartridges of other specifications correctly but may instead detect such items as standard yield toner cartridges. Dell does not therefore recommend the use of cartridges other than Dell Original cartridges with this machine, or the refilling of empty cartridges with toner from other sources. If damage is caused to the drum unit or other parts

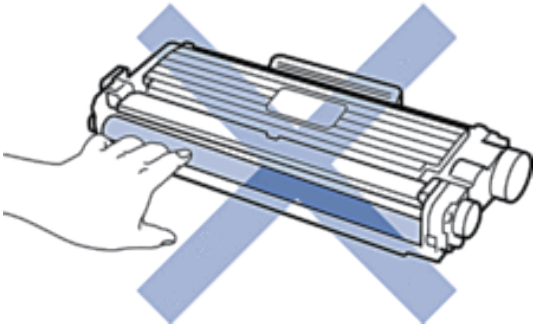
of this machine as a result of the use of toner or toner cartridges other than Dell Original products due to the incompatibility or lack of suitability of those products with this machine, any repairs required as a result may not be covered by the warranty.

- For best performance, use a Dell Original drum and toner cartridge. Printing with a third party drum unit or toner cartridge may reduce not only the print quality but also the quality and life of the machine itself. Warranty coverage may not apply to problems caused by the use of a third party drum or toner cartridge.

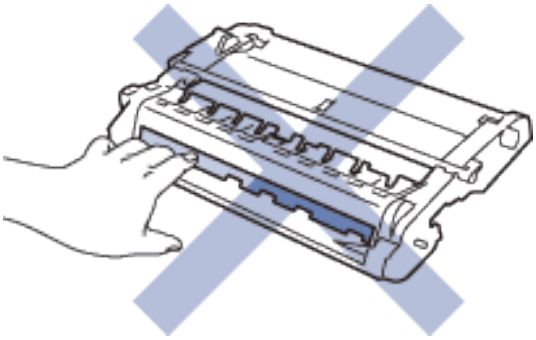
NOTE

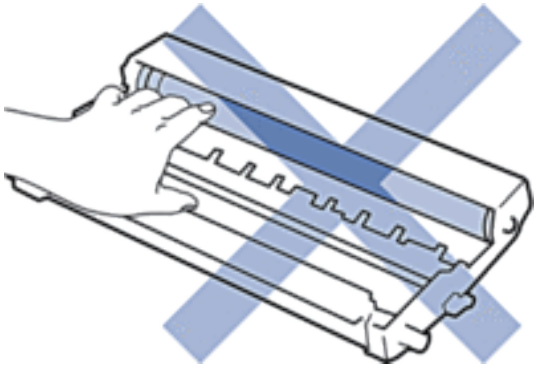
- Be sure to seal up the used supplies tightly in a bag so that toner powder does not spill out of the cartridge.
- Discard the used supply according to local regulations, keeping it separate from domestic waste. If you have questions, contact your local waste disposal office.
- We recommend placing used supplies on a piece of paper to prevent accidentally spilling or scattering the material inside.
- If you use paper that is not a direct equivalent for the recommended print media, the life of supplies and machine parts may be reduced.
- The projected life for each of the toner cartridges is based on ISO/IEC 19752. Frequency of replacement will vary depending on the print volume, percentage of coverage, types of media used, and powering on/off the machine.
- Frequency of replacement supplies except toner cartridges will vary depending on the print volume, types of media used, and powering on/off the machine.
- Handle the toner cartridge carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.
- To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations.

<Toner cartridge>



<Drum unit>





Learn About The Toner Cartridge

The Standard toner cartridge can print approximately 1,200 pages *1. The High Yield toner cartridge can print approximately 2,600 pages *1. Actual page count will vary depending on your average type of document.
When a toner cartridge is running low, the control panel shows Toner Low indication.
The toner cartridge that comes with your Dell machine is a Starter toner cartridge. The approximate toner life may differ from the Standard toner cartridge.
Approximate life of Starter Toner Cartridge
Approximately 700 pages (Letter or A4 pages)*1

NOTE: It is a good idea to keep a new toner cartridge ready for use when you see the Toner Low warning.

NOTE: To ensure high quality printing, we recommend using only Genuine Dell Brand toner cartridges. When you want to buy toner cartridges, contact Dell Customer Service.

NOTE: DO NOT unpack the new toner cartridge until you are ready to install it.

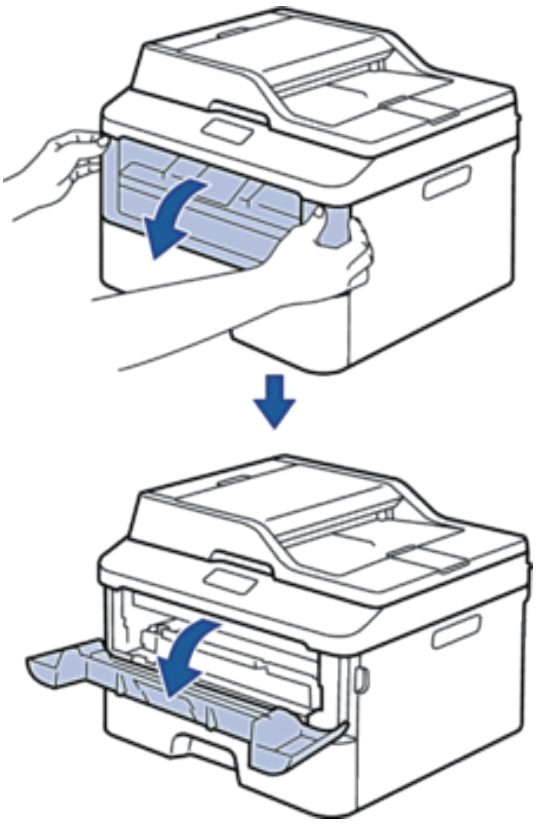
NOTE: If a toner cartridge is left unpacked for a long time, the toner life will be shortened.

NOTE: Dell strongly recommends you DO NOT refill the toner cartridge provided with your machine. We also strongly recommend you continue to use only Genuine Dell Brand replacement toner cartridges. Use or attempted use of third party toner and/or cartridges in the Dell machine may cause damage to the machine and/or may result in unsatisfactory print quality. Our limited warranty coverage does not apply to any problem that is caused by the use of third party toner and/or cartridges. To protect your investment and obtain premium performance from the Dell machine, we strongly recommend the use of Genuine Dell Supplies.

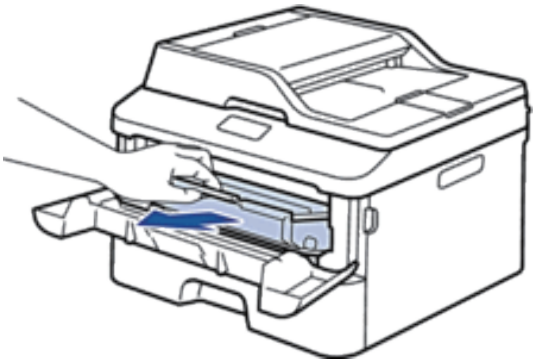
*1: Approximate cartridge yield is declared in accordance with ISO/IEC 19752.

Replace the Toner Cartridge

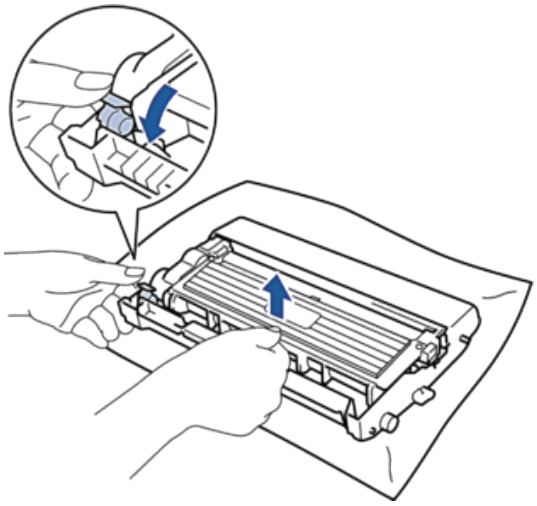
1. Make sure the machine is turned on.
2. Open the front cover.



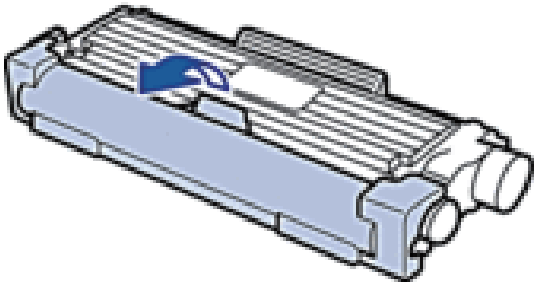
3. Remove the toner cartridge and drum unit assembly from the machine.



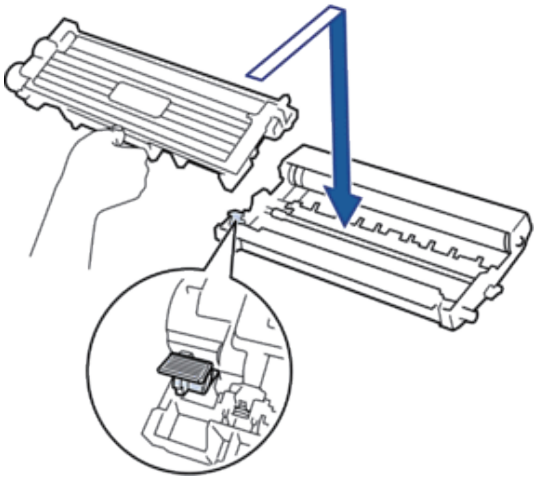
4. Push down the lock lever and take the toner cartridge out of the drum unit.



5. Unpack the new toner cartridge.
6. Remove the protective cover.

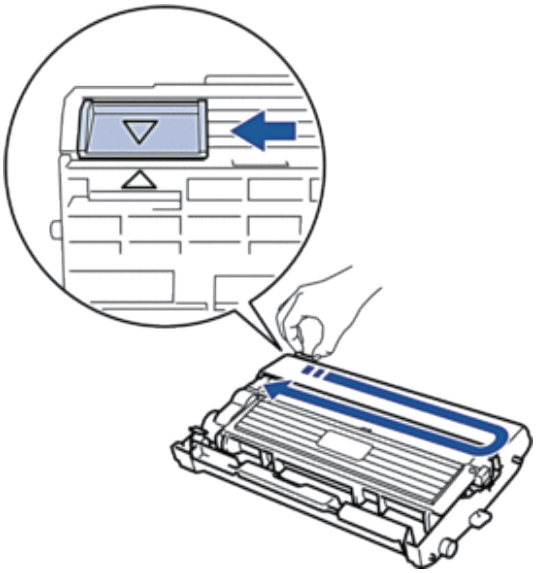


7. Put the new toner cartridge firmly into the drum unit until you hear it lock into place.



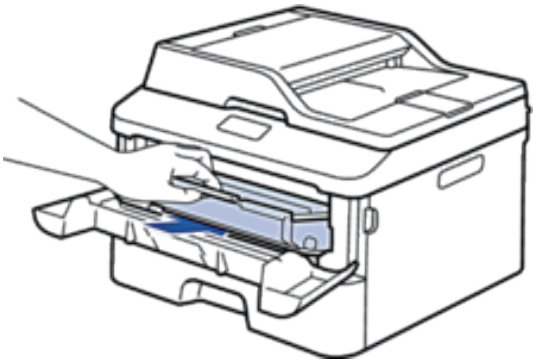
NOTE: Make sure you put the toner cartridge in correctly or it may separate from the drum unit.

8. Clean the corona wire inside the drum unit by gently sliding the tab from left to right and right to left several times.



NOTE: Be sure to return the tab to the Home position (▲). The arrow on the tab must be aligned with the arrow on the drum unit. If it is not, printed pages may have a vertical stripe.

9. Install the toner cartridge and drum unit assembly back into the machine.



10. Close the front cover of the machine.

NOTE: After replacing a toner cartridge, DO NOT turn off the machine or open the Front cover until the machine's display returns to Ready Mode.

Learn About The Drum Unit

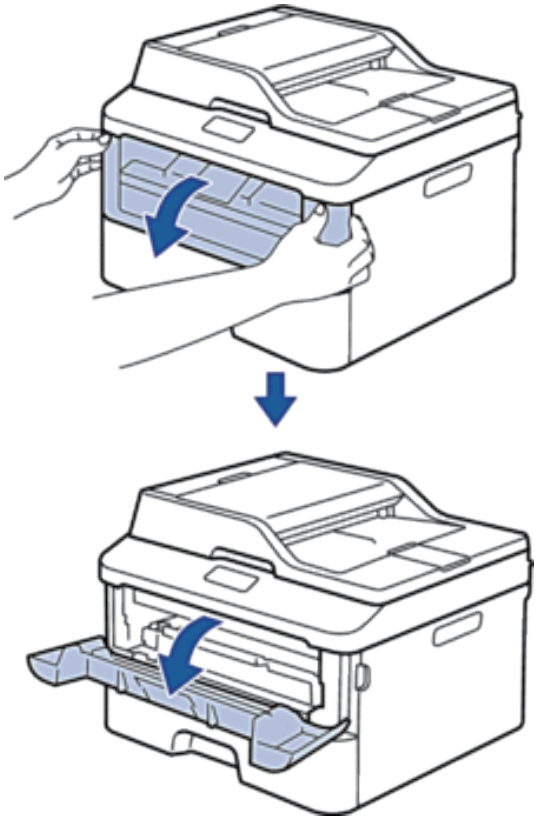
A new drum unit can print approximately 12,000 Letter or A4 size single-sided pages.
Drum wear and tear occurs due to use and rotation of the drum and interaction with paper, toner and other materials in the paper path. In designing this product, Dell decided to use the number of rotations of the drum as a reasonable determinant of the drum life. When a drum reaches the factory-established rotation limit corresponding to the rated page yield, the product's LCD will advise you to replace the applicable drum. The product will continue to function; however, print quality may not be optimal.

NOTE

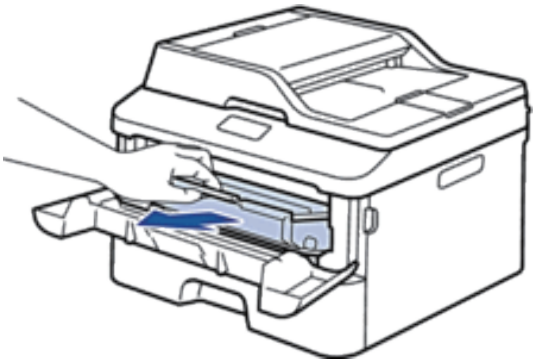
- If an unpacked drum unit is placed in direct sunlight (or room light for long periods of time), the unit may be damaged.
- There are many factors that determine the actual drum life, such as the temperature, humidity, type of paper, type of toner used and so on. Under ideal conditions, the average drum life is estimated at approximately 12,000 pages. The actual number of pages that your drum will print may be significantly less than this estimate. Because we have no control over the many factors that determine the actual drum life, we cannot guarantee a minimum number of pages that will be printed by your drum.
- For best performance, use only genuine Dell toner. The machine should be used only in a clean, dust-free environment with adequate ventilation.
  Printing with a non-Dell drum unit may reduce not only the print quality but also the quality and life of the machine itself. Warranty coverage does not apply to problems caused by the use of a non-Dell drum unit.

Replace the Drum Unit

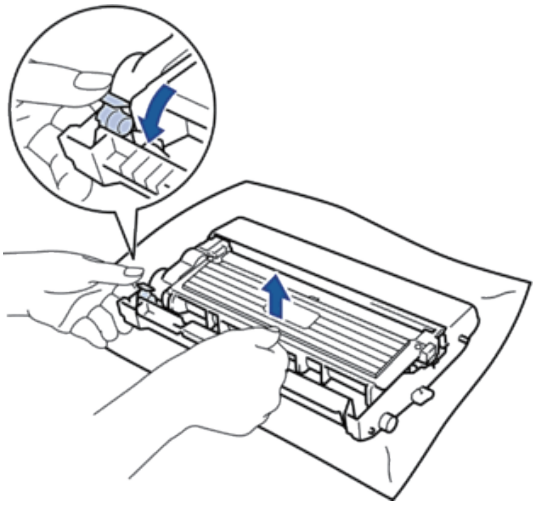
1. **Make sure the machine is turned on.**
2. **Open the front cover.**



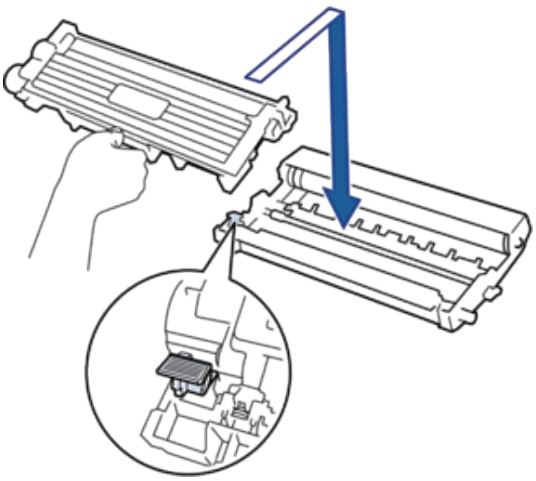
3. **Remove the toner cartridge and drum unit assembly from the machine.**



4. Push down the lock lever and take the toner cartridge out of the drum unit.

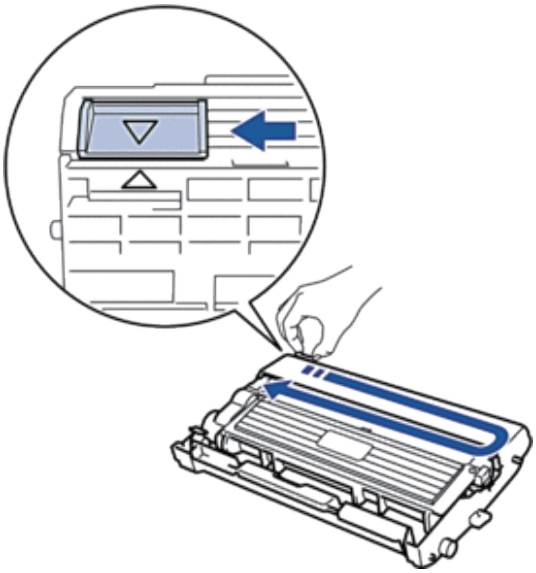


5. Unpack the new drum unit.
6. Put the toner cartridge firmly into the new drum unit until you hear it lock into place.



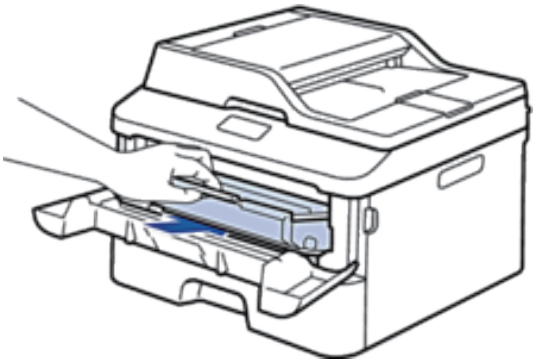
NOTE: Make sure you put the toner cartridge in correctly or it may separate from the drum unit.

7. Clean the corona wire inside the drum unit by gently sliding the tab from left to right and right to left several times.



NOTE: Be sure to return the tab to the Home position (▲). The arrow on the tab must be aligned with the arrow on the drum unit. If it is not, printed pages may have a vertical stripe.

8. Install the toner cartridge and drum unit assembly back into the machine.



9. Close the front cover of the machine.

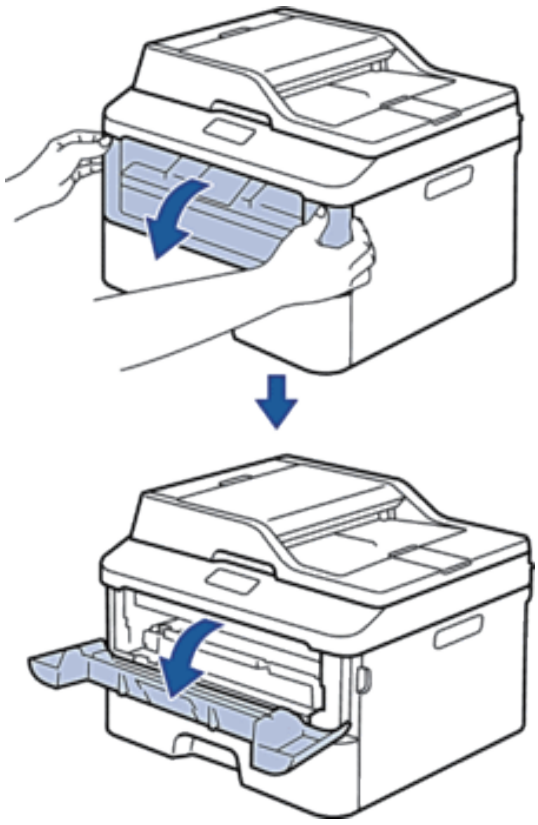
Reset the Drum Counter

When you replace the drum unit with a new one, you must reset the drum counter by completing the following steps:

IMPORTANT

DO NOT reset the drum counter unless you are replacing the drum unit.

1. Open the front cover.



2. Press and hold **OK** for 2 seconds.
3. Press ▲ or **1** to reset the drum counter.

Clean the Machine

Clean the outside and inside of the machine regularly with a dry, lint-free cloth.
When you replace the toner cartridge or the drum unit, make sure you clean the inside of the machine. If printed pages are stained with toner, clean the inside of the machine with a dry, lint-free cloth.

⚠ WARNING

- DO NOT use flammable substances, any type of spray, or an organic solvent/liquid containing alcohol or ammonia to clean the inside or outside of the product. Doing so could cause a fire or electrical shock. Instead, use only a dry, lint-free cloth.
- When cleaning this product, use the designated cleaning materials exclusive to it. Other cleaning materials may result in poor performance of the product. Never use aerosol cleaners to avoid catching fire and explosion.

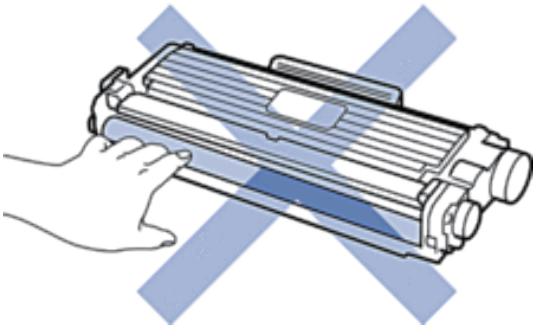
⚠ CAUTION

When cleaning this product, always switch off and unplug it. Access to a live machine interior may cause electric shock.

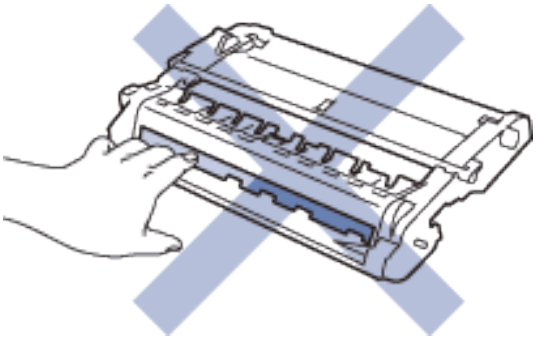
IMPORTANT

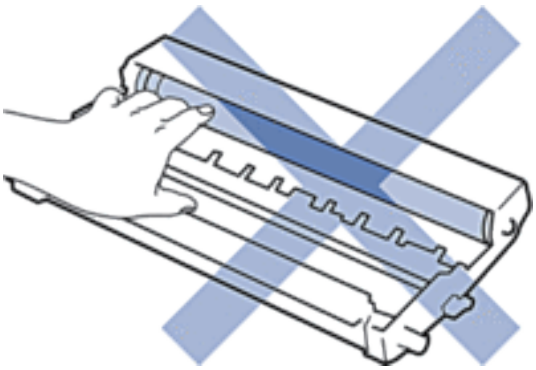
- Use neutral detergents. Cleaning with volatile liquids such as thinner or benzine will damage the surface of the machine.
- DO NOT use cleaning materials that contain ammonia.
- DO NOT use isopropyl alcohol to remove dirt from the control panel. It may crack the panel.
- To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations.

<Toner cartridge>



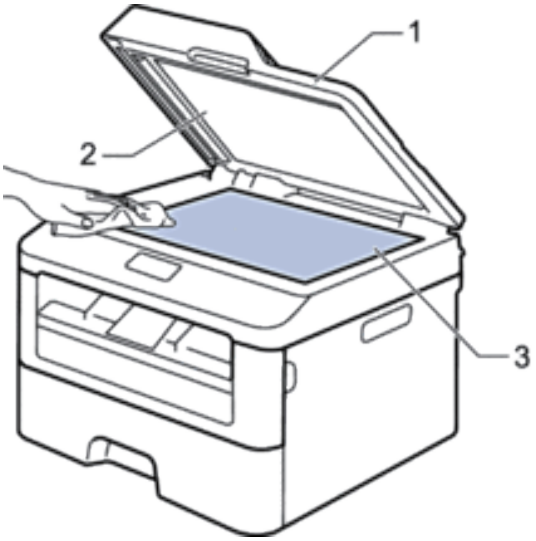
<Drum unit>



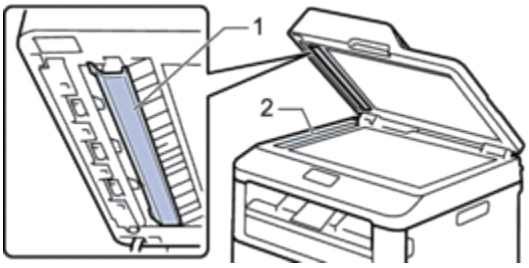


Clean the Scanner

1. Press and hold to turn off the machine.
2. Lift the document cover (1). Clean the white plastic surface (2) and scanner glass (3) underneath it with a soft lint-free cloth moistened with water.



3. In the ADF unit, clean the white bar (1) and the scanner glass strip (2) underneath it with a soft lint-free cloth moistened with water.

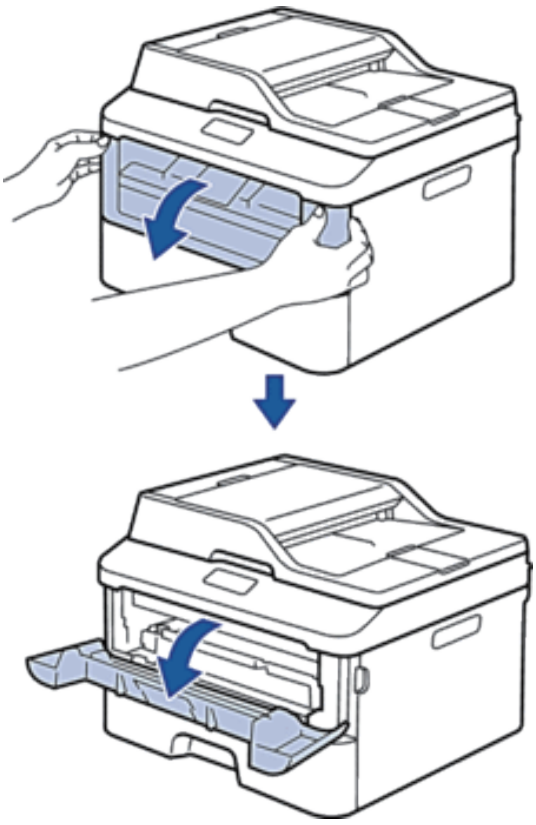


4. Close the document cover.
5. Press to turn on the machine.

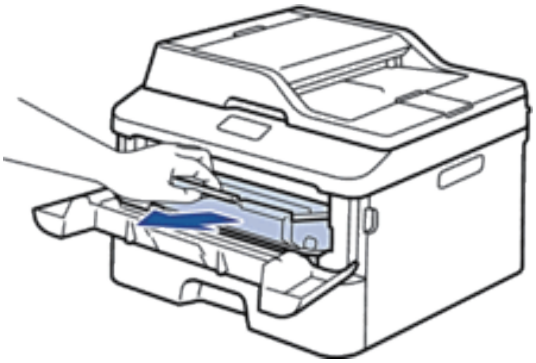
Clean the Corona Wire

If you have print quality problems or the control panel displays `Drum!` status, clean the corona wire.

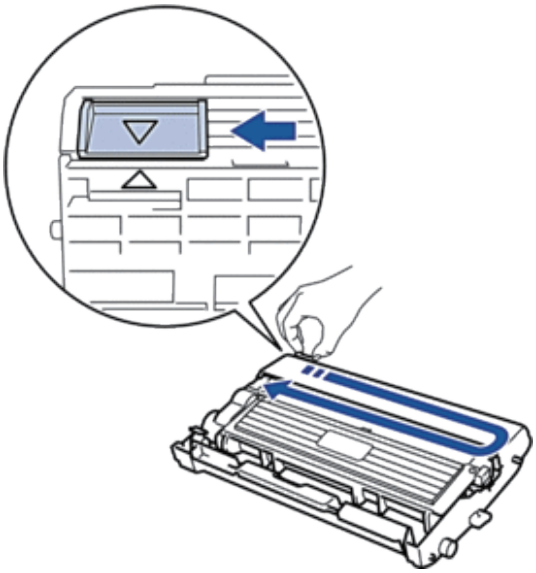
1. Open the front cover.



2. Remove the toner cartridge and drum unit assembly from the machine.

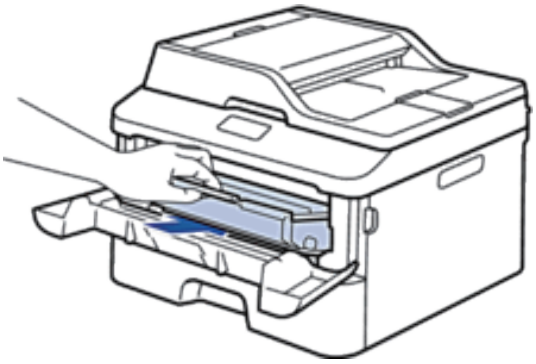


3. Clean the corona wire inside the drum unit by gently sliding the tab from left to right and right to left several times.



NOTE: Be sure to return the tab to the Home position (▲). The arrow on the tab must be aligned with the arrow on the drum unit. If it is not, printed pages may have a vertical stripe.

4. Install the toner cartridge and drum unit assembly back into the machine.

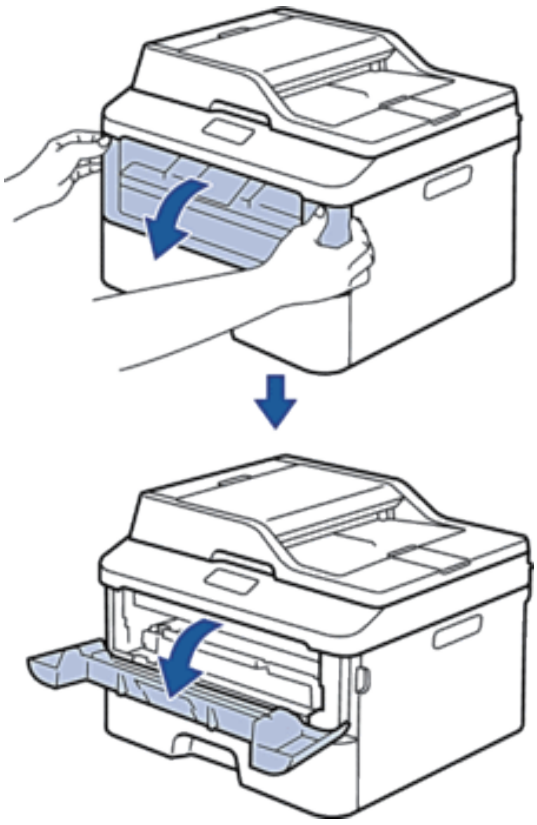


5. Close the front cover of the machine.

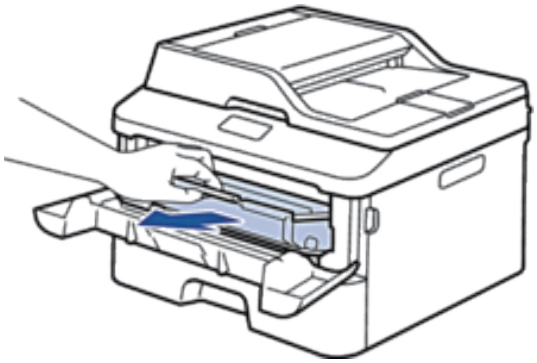
Clean the Drum Unit

If your printout has dots or other repeating marks at 3.7 in. (94 mm) intervals, the drum may have foreign material, such as glue from a label stuck on the drum surface. Follow these steps to solve the problem:

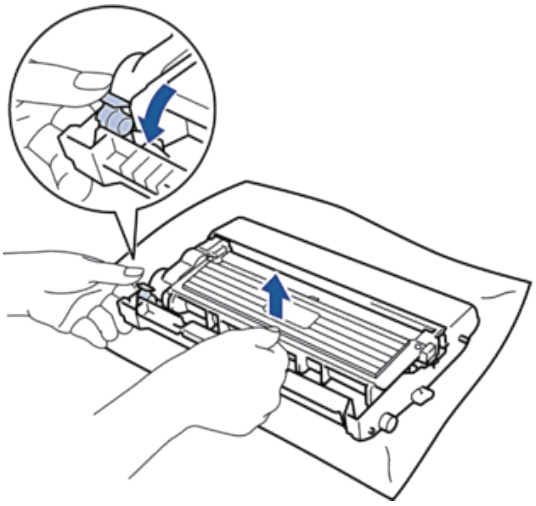
1. Press and hold to turn off the machine.
2. Open the front cover.



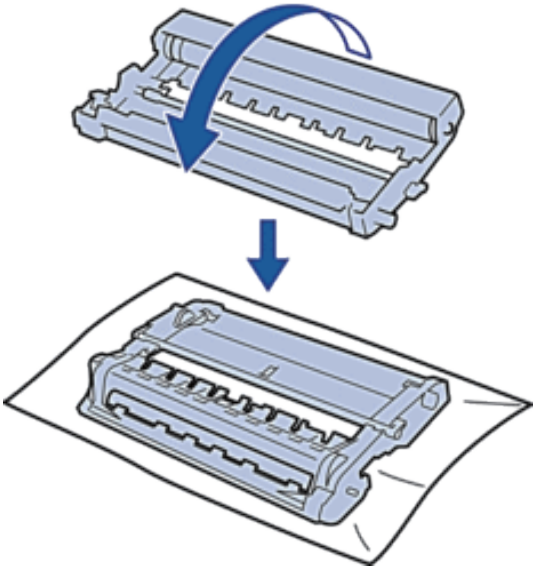
3. Remove the toner cartridge and drum unit assembly from the machine.



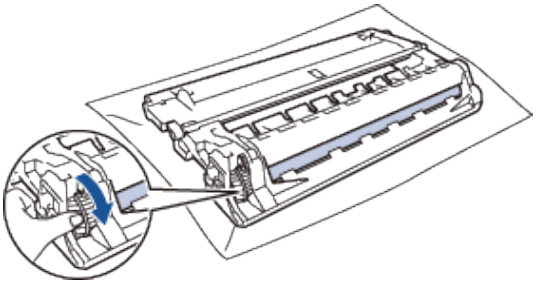
4. Push down the lock lever and take the toner cartridge out of the drum unit.



5. Turn the drum unit as shown in the illustration. Make sure that the drum unit gear is on the left side.

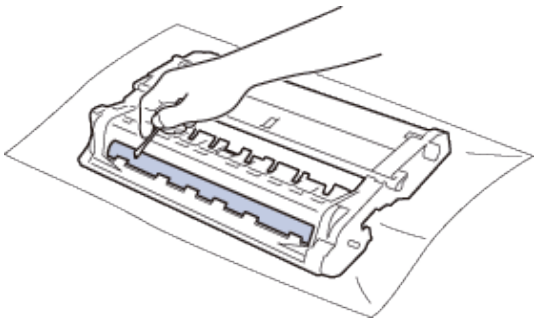


6. Turn the edge of the drum unit toward you by hand while looking at surface of the suspected area.



NOTE: To avoid print quality problems, DO NOT touch the surface of the drum unit except the edge.

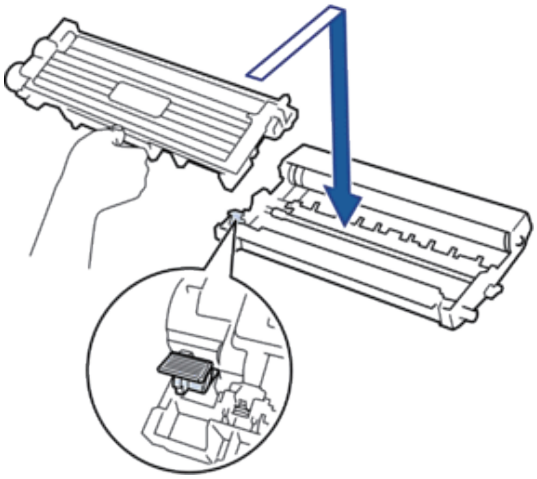
7. Wipe the surface of the drum gently with a dry cotton swab until the mark on the surface comes off.



NOTE

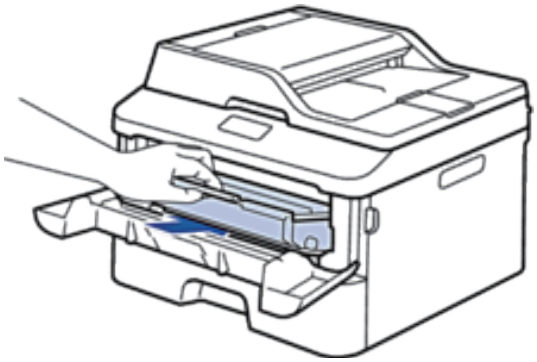
DO NOT clean the surface of the photosensitive drum with a sharp object or any liquids.

8. Put the new toner cartridge firmly into the drum unit until you hear it lock into place.



NOTE: Make sure you put the toner cartridge in correctly or it may separate from the drum unit.

9. Install the toner cartridge and drum unit assembly back into the machine.



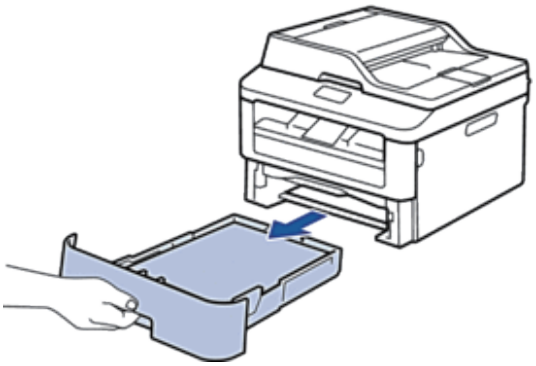
10. Close the front cover of the machine.
11. Press to turn on the machine.

Clean the Paper Pick-up Rollers

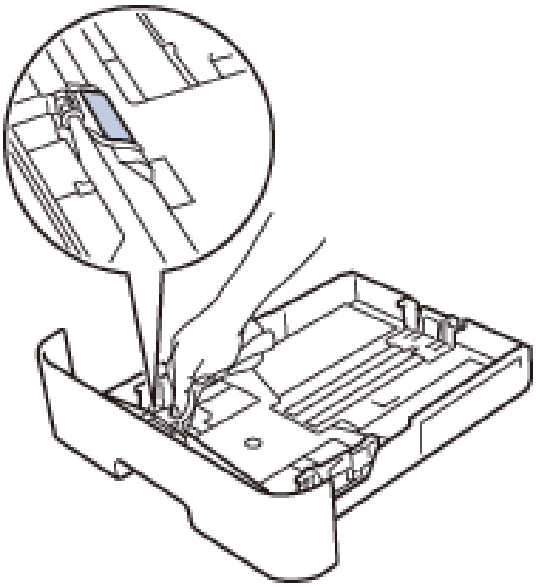
Cleaning the paper pick-up rollers periodically may prevent paper jams by insuring the proper feeding of paper.

If you have paper feed problems, clean the pick-up rollers as follows:

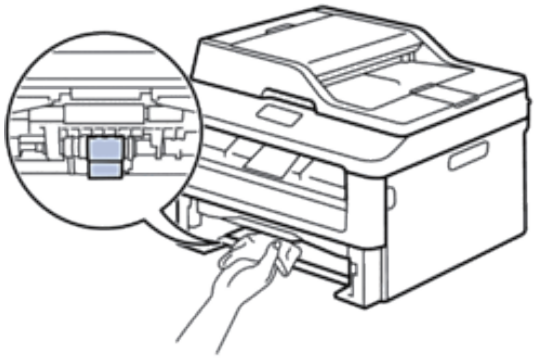
1. Press and hold to turn off the machine.
2. Pull the paper tray completely out of the machine.



3. If paper is loaded or something is stuck inside in the paper tray, remove it.
4. Tightly wring out a lint-free cloth soaked in lukewarm water, and then wipe the separator pad on the paper tray to remove dust.



5. Wipe the two pick-up rollers inside the machine to remove dust.



6. Reload the paper and put the paper tray firmly back in the machine.
7. Press to turn on the machine.

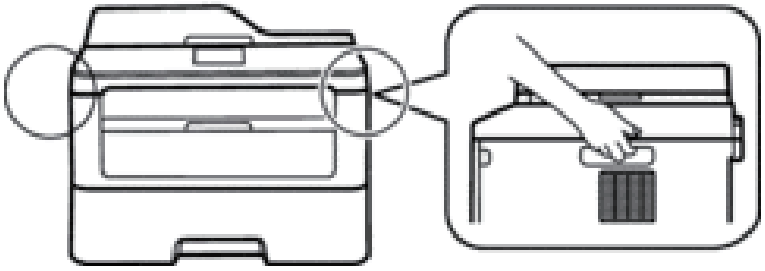
Check the Remaining Life of Parts

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Machine Info.` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Parts Life` option, and then press **OK**.
4. Press ▲ or ▼ to select the `Toner` or `Drum` option, and then press **OK**.
   The LCD displays the approximate remaining toner or drum life.
5. Press **Cancel**.

Pack and Ship Your Dell Machine

⚠ WARNING

When you move the machine, grasp the side handholds that are under the scanner. DO NOT carry the machine by holding it at the bottom.



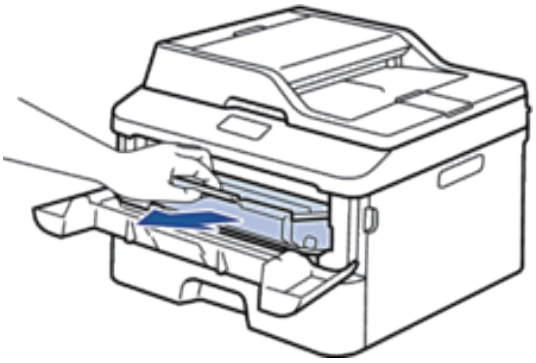
NOTE: If for any reason you must ship your machine, carefully repack the machine in the original packaging to avoid any damage during transit. The machine should be adequately insured with the carrier.

1. Press and hold to turn off the machine. Leave the machine turned off for at least 10 minutes to cool down.

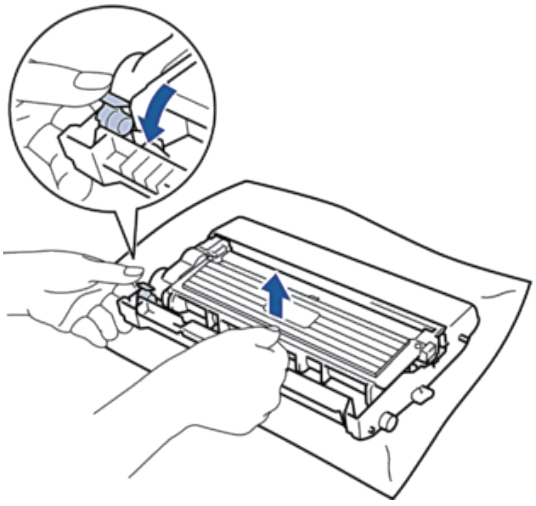
2. Disconnect all the cables, and then unplug the power cord from the AC power outlet.

   NOTE: The machine is equipped with a non-detachable AC power cord depending on the model.

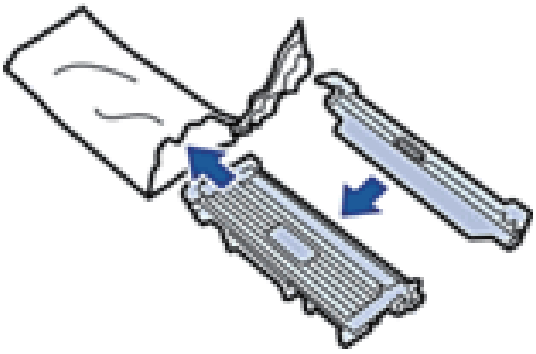
3. Remove the toner cartridge and drum unit assembly.



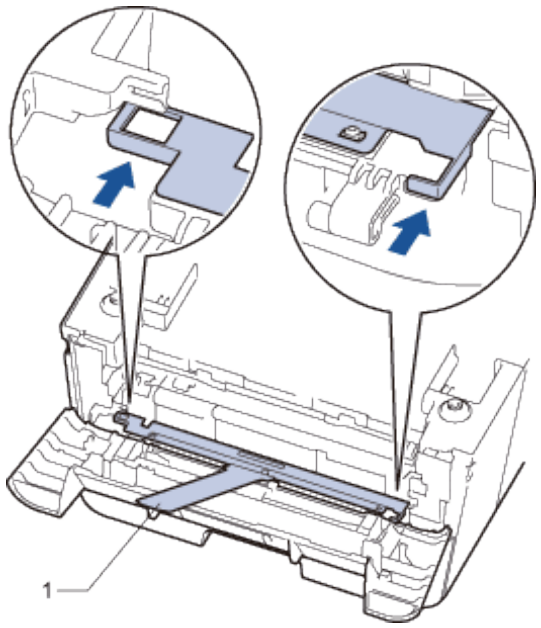
4. Push down the lock lever and take the toner cartridge out of the drum unit.



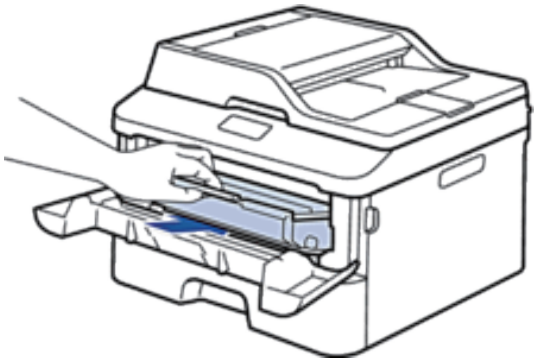
5. Put the protective material on the toner cartridge. Put it in a plastic bag.



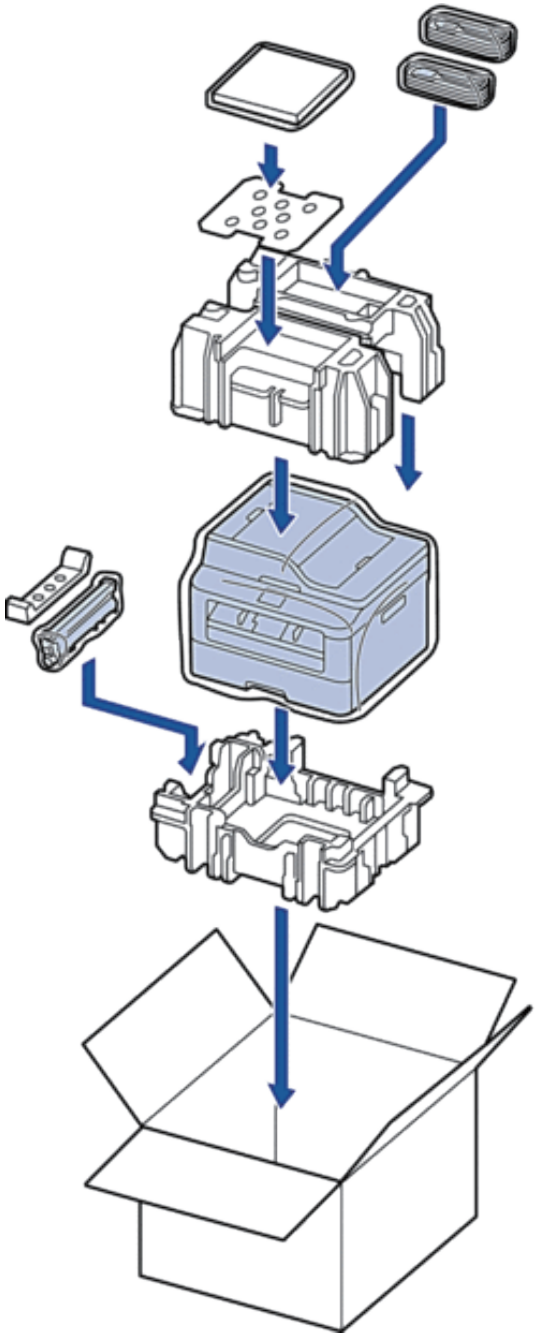
6. Put the protective material (1) in the machine to the left as shown in the illustration.



7. Install only the drum unit back into the machine.



8. Close the front cover.
9. Put the machine into the bag it originally came in.
10. Pack the machine and the printed materials in the original carton with the original packing material as shown below.



NOTE: Put the AC power cord and printed materials in the original carton as shown in the illustration.

11. Close the carton and tape it shut.

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Machine Settings

Customize settings and features, create shortcuts, and work with options displayed on the machine's LCD to make your Dell machine a more efficient work tool.

- General Settings
- Print Reports
- Settings and Features Tables
  The Settings tables will help you understand the menu selections and options that are found in the machine's programs.

General Settings

- Change the Default Mode
  When the machine is idle or you press **Cancel**, the machine will return to the mode you set.
- Set the Mode Timer
  The machine returns to the default mode after use of the machine in a mode other than the default mode. The Mode Timer setting defines how much time the machine takes after the last operation to return to the default mode. If you choose `Off`, the machine will stay in the mode you used last.
- Adjust the Machine Volume
- Change for Daylight Saving Time Automatically
  The machine to change automatically for Daylight Saving Time.
- Set the Sleep Mode Countdown
  The Sleep Mode (or Power Save Mode) setting can reduce power consumption. When the machine is in Sleep Mode, it acts as though it is turned off. The machine will wake up and start printing when it receives a print job or a fax. Use these instructions to set a time delay to send the machine into Sleep Mode.
- About Deep Sleep Mode
  If the machine is in Sleep Mode and does not receive any jobs for certain length of time, based on your model and settings, the machine will automatically enter Deep Sleep Mode. You can set the length of time before the machine enters Deep Sleep Mode between 10 to 60 minutes. The default time is 11 minutes.
- Set Auto Power Off Mode
  If the machine is in Deep Sleep Mode for certain length of time, based on your model and settings, the machine will go into Power Off Mode automatically. The machine does not go into Power Off Mode when the machine is connected to a wired or wireless network.
- Set the Date and Time
- Set the Time Zone
  Set the time zone for your location on the machine.
- Adjust the LCD Contrast
  If you are having difficulty reading the LCD, try changing the contrast setting.
- Reduce Toner Consumption
  You can reduce toner consumption using this feature.
- Set the Continue Mode
  The Continue Mode forces the machine to continue printing after the control panel displayed Replace Toner

indication.

- Learn About the Receiving faxes in Continue Mode
  The machine can store received faxes in the memory if you choose Continue Mode when the LCD displays Replace Toner.
- Set Your Station ID
  Set the machine to print your Station ID and the fax's date and time at the top of each fax you send.
- Set Tone or Pulse Dialing Mode
  Your Dell machine is set for a Tone dialing service. If you have a Pulse dialing (rotary) service, you must change the dialing mode.
- Add a Prefix to Every Fax Number
  The Dial Prefix setting will automatically dial a predefined number before every fax number you dial. For example: If your telephone system requires a 9 to dial an outside number, use this setting to automatically dial 9 for every fax you send.
- Prevent Dialing a Wrong Number (Dial Restriction)
  This feature is to prevent users from sending a fax or call to the wrong number by mistake. You can set the machine to restrict dialing when you use the dial pad, Address Book and Shortcuts.
- Set Quiet Mode
  Use Quiet Mode to reduce printing noise. When Quiet Mode is turned On, the print speed becomes slower. The factory setting is Off.
- In the Event of Power Failure (Memory Storage)
- Change the Language on the LCD
  Change the LCD language if needed.

Change the Default Mode

When the machine is idle or you press **Cancel**, the machine will return to the mode you set.

- For Dell E515dn/Dell E515dw, the machine has FAX, SCAN and COPY modes. Factory setting is FAX mode.
- For Dell E514dw, the machine has Scan and Copy modes. The Copy mode is fixed default mode.

---

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Default Mode` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Fax`, `Copy`, or `Scan` option, and then press **OK**.
5. Press **Cancel**.

Set the Mode Timer

The machine returns to the default mode after use of the machine in a mode other than the default mode. The Mode Timer setting defines how much time the machine takes after the last operation to return to the default mode. If you choose `Off`, the machine will stay in the mode you used last.

- For Dell E515dn/Dell E515dw, the machine has three mode buttons on the control panel: FAX, SCAN and COPY.
- For Dell E514dw, the machine has Scan and Copy. Default is Copy mode and mode timer setting is one minute.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Mode Timer` option, and then press **OK**.
4. Press ▲ or ▼ to display the `5 Mins`, `2 Mins`, `1 Min`, `30 Secs`, `0 Sec`, or `Off` option, and then press **OK**.
5. Press **Cancel**.

Adjust the Machine Volume

- Adjust the Ring Volume
- Adjust the Beeper Volume
  When the beeper is on, the machine will beep when you press a button, make a mistake, or after you send or receive a fax. You can choose from a range of volume levels.
- Adjust the Speaker Volume

Adjust the Ring Volume

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Volume` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Ring` option, and then press **OK**.
5. Press ▲ or ▼ to display the `High`, `Med`, `Low`, or `Off` option, and then press **OK**.
6. Press **Cancel**.

Adjust the Beeper Volume

When the beeper is on, the machine will beep when you press a button, make a mistake, or after you send or receive a fax. You can choose from a range of volume levels.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Volume` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Beeper` option, and then press **OK**.
5. Press ▲ or ▼ to display the `High`, `Med`, `Low`, or `Off` option, and then press **OK**.
6. Press **Cancel**.

Adjust the Speaker Volume

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Volume` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Speaker` option, and then press **OK**.
5. Press ▲ or ▼ to display the `High`, `Med`, `Low`, or `Off` option, and then press **OK**.
6. Press **Cancel**.

Adjust the Speaker Volume Using the Hook Option

Related Models:Dell E515dn / Dell E515dw
Another way to adjust your machine's speaker volume is to use the Hook button on the control panel.

1. Press **(Fax)**.
2. Press **Hook**.
3. Press ◀ or ▶ to decrease or increase the speaker volume.
4. Press **Hook**.

Change for Daylight Saving Time Automatically

Related Models:Dell E515dn / Dell E515dw
The machine to change automatically for Daylight Saving Time.
It will reset itself forward one hour in the spring, and backward one hour in the fall. Make sure you have set the correct date and time in the Date & Time setting.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Initial Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Date&Time` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Auto Daylight` option, and then press **OK**.
5. Press ▲ or ▼ to display the `On` or `Off` option, and then press **OK**.
6. Press **Cancel**.

Set the Sleep Mode Countdown

The Sleep Mode (or Power Save Mode) setting can reduce power consumption. When the machine is in Sleep Mode, it acts as though it is turned off. The machine will wake up and start printing when it receives a print job or a fax. Use these instructions to set a time delay to send the machine into Sleep Mode.

- You can choose how long the machine must be idle before it goes into Sleep Mode.
- The timer will restart if any operation is carried out on the machine, such as receiving a print job.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Ecology` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Sleep Time` option, and then press **OK**.
5. Using the dial pad, enter the length of time the machine (maximum 50 minutes) is idle before entering Sleep Mode, and then press **OK**.
6. Press **Cancel**.

About Deep Sleep Mode

If the machine is in Sleep Mode and does not receive any jobs for certain length of time, based on your model and settings, the machine will automatically enter Deep Sleep Mode. You can set the length of time before the machine enters Deep Sleep Mode between 10 to 60 minutes. The default time is 11 minutes.
Deep Sleep Mode uses less power than Sleep Mode.

Machine's Control Panel in Deep Sleep Mode	Conditions that will wake the machine
The LCD displays `Deep Sleep`.	The machine receives a job. Someone presses a button on the control panel.

Set Auto Power Off Mode

Related Models:Dell E514dw
If the machine is in Deep Sleep Mode for certain length of time, based on your model and settings, the machine will go into Power Off Mode automatically. The machine does not go into Power Off Mode when the machine is connected to a wired or wireless network.

To start printing, press on the control panel and then send a print job.

---

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Ecology` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Auto Power Off` option, and then press **OK**.
5. Press ▲ or ▼ to display the `8 hours`, `4 hours`, `2 hours`, `1 hour`, or `off` option, and then press **OK**.
6. Press **Cancel**.

Set the Date and Time

Related Models:Dell E515dn / Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Initial Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Date&Time` option, and then press **OK**.

4. Press ▲ or ▼ to display the `Date&Time` option, and then press **OK**.
5. Enter the last two digits of the year using the dial pad, and then press **OK**.
6. Enter the two digits for the month using the dial pad, and then press **OK**.
7. Enter the two digits for the day using the dial pad, and then press **OK**.
8. Press ▲ or ▼ to display the `12h Clock` or `24h Clock` option, and then press **OK**.
9. Do one of the following:
   - If you selected `12h Clock` as the format in the `Date&Time` setting, enter the time (in 12-hour format) using the dial pad.
     Press **OK**.
     Press ▲ or ▼ to display the `AM` or `PM` option, and then press **OK**.
   - If you selected `24h Clock` as the format in the `Date&Time` setting, enter the time (in 24-hour format) using the dial pad.
     Press **OK**.
     (For example: enter 19:45 for 7:45 PM.)
10. Press **Cancel**.

Set the Time Zone

Related Models:Dell E515dn / Dell E515dw
Set the time zone for your location on the machine.
For example, the time zone for Eastern Time in the USA and Canada is UTC-05:00. Pacific Time in the USA and Canada is UTC-08:00.

Time Zone	Standard Time
Hawaii-Aleutian Time Zone	UTC - 10:00
Alaska Time Zone	UTC - 9:00
Pacific Time Zone	UTC - 8:00
Mountain Time Zone	UTC - 7:00
Central Time Zone	UTC - 6:00
Eastern Time Zone	UTC - 5:00
Atlantic Time Zone	UTC - 4:00

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Initial Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Date&Time` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Time Zone` option, and then press **OK**.
5. Press ▲ or ▼ to choose the time zone. Press **OK**.
6. Press **Cancel**.

Adjust the LCD Contrast

If you are having difficulty reading the LCD, try changing the contrast setting.

1. Press **Menu**.

2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `LCD Contrast` option, and then press **OK**.
4. Press ◀ ▶ or ▲ ▼ to select a level of contrast, and then press **OK**.
5. Press **Cancel**.

Reduce Toner Consumption

You can reduce toner consumption using this feature.

We DO NOT recommend using the Toner Save feature for printing photo or grayscale images.

When you set Toner Save to On, print appears lighter.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Ecology` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Toner Save` option, and then press **OK**.
5. Press ▲ or ▼ to display the `On` or `Off` option, and then press **OK**.
6. Press **Cancel**.

Set the Continue Mode

The Continue Mode forces the machine to continue printing after the control panel displayed Replace Toner indication.

The machine will continue printing until the LCD displays Toner Ended indication.
The factory setting is Stop.

NOTE: When the control panel indicates an error, you cannot change the mode.

NOTE: If you continue printing in the Continue Mode, we cannot guarantee the print quality.

NOTE: While using Continue Mode the print may appear faint.

NOTE: After replacing the toner cartridge with a new one, the Continue Mode will go back to the default setting (Stop).

---

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Replace Toner` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Continue` or `Stop` option, and then press **OK**.
5. Press **Cancel**.

Learn About the Receiving faxes in Continue Mode

Related Models:Dell E515dn / Dell E515dw

The machine can store received faxes in the memory if you choose Continue Mode when the LCD displays Replace Toner.

When received faxes are printed in Continue Mode the LCD will ask if the print quality of the fax is OK.

If the quality is not good, choose No. The machine will keep the faxes stored in the memory so you can reprint them after you replace the toner cartridge with a new one. If the print quality is good, choose Yes. The LCD will ask if you want to delete the printed faxes from the memory.

If you choose not to delete them, you will be asked again after you replace the toner cartridge with a new one.

NOTE: The machine can store up to 500 faxes in memory.

NOTE: The machine will keep faxes stored in Continue Mode even if you change the Continue setting to Stop.

NOTE: If you install a new toner cartridge when the LCD displays Toner Ended, the machine will ask if you want to print the stored faxes. Choose Print to print stored faxes.

Toner End in Continue Mode

When the LCD displays Toner Ended, the machine will stop printing. If the memory is full and you want to continue receiving faxes, you must install a new toner cartridge.

Set Your Station ID

Related Models:Dell E515dn / Dell E515dw

Set the machine to print your Station ID and the fax's date and time at the top of each fax you send.

1. Press **(Fax)**.
2. Press **Menu**.
3. Press ▲ or ▼ to display the `Initial Setup` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Station ID` option, and then press **OK**.
5. Enter your fax number (up to 20 digits) using the dial pad, and then press **OK**.
6. Enter your telephone number (up to 20 digits) using the dial pad, and then press **OK**.
   If your telephone number and fax number are the same, enter the same number again.
7. Use the dial pad to enter your name (up to 20 characters), and then press **OK**.
   NOTE: To enter text on your machine, see *Related Information*: *How to Enter Text on Your Dell Machine*
8. Press **Cancel**.

NOTE

(USA only) The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or electronic device to send any message via a telephone fax machine unless such messages clearly contain, in a margin at the top or bottom of each transmitted page, or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity or other individual sending the message and the telephone number of the sending machine or such business, other entity or individual. To program this information into your machine, see Set the date and time and Set your Station ID.

Set Tone or Pulse Dialing Mode

Related Models:Dell E515dn / Dell E515dw

Your Dell machine is set for a Tone dialing service. If you have a Pulse dialing (rotary) service, you must change the dialing mode.

This feature is not available in some countries.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Initial Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Tone/Pulse` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Tone` or `Pulse` option, and then press **OK**.
5. Press **Cancel**.

Add a Prefix to Every Fax Number

Related Models:Dell E515dn / Dell E515dw

The Dial Prefix setting will automatically dial a predefined number before every fax number you dial. For example: If your telephone system requires a 9 to dial an outside number, use this setting to automatically dial 9 for every fax you send.

NOTE: Use the numbers and symbols from 0 to 9, #, and *. (You cannot use ! with any other numbers or symbols.)

NOTE: If your telephone system requires a time break recall (hookflash), press ! on the LCD.

NOTE: To turn off the dial prefix feature, delete the stored prefix number and then press **OK**.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Initial Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Dial Prefix` option, and then press **OK**.
4. Do one of the following:
   - If the machine does not have a stored prefix number, enter a number (up to 5 digits) using the dial pad, and then press **OK**.
   - If the machine has a stored prefix number and you want to change it, press **1** to edit the number. Press **Clear** to delete each digit of the existing number and enter a new number using the dial pad, and then press **OK**.

   NOTE: To turn off the dial prefix feature, delete the stored prefix number and then press **OK**.
5. Press **Cancel**.

Prevent Dialing a Wrong Number (Dial Restriction)

Related Models:Dell E515dn / Dell E515dw

This feature is to prevent users from sending a fax or call to the wrong number by mistake. You can set the machine to restrict dialing when you use the dial pad, Address Book and Shortcuts.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Fax` option, and then press **OK**.

3. Press ▲ or ▼ to display the `Dial Restrict`. option, and then press **OK**.
4. Press ▲ or ▼ to display your preferred option, and then press **OK**.
   - `Dial Pad`
   - `One Touch Dial`
   - `Speed Dial`
5. Press ▲ or ▼ to select one of the following options, and then press **OK**.

Option	Description
`Enter # twice`	The machine will prompt you to re-enter the number, and then if you re-enter the same number correctly, the machine will start dialing. If you re-enter the wrong number, the LCD will display an error message.
`On`	The machine will restrict all fax sending and outbound calls for that dialing method.
`Off`	The machine does not restrict the dialing method.

   - The `Enter # twice` setting will not work if you use an external phone or press **Hook** before entering the number. You will not be asked to re-enter the number.
   - If you choose `On` or `Enter # twice`, you cannot use the Broadcasting feature.
6. Press **Cancel**.

Set Quiet Mode

Use Quiet Mode to reduce printing noise. When Quiet Mode is turned On, the print speed becomes slower. The factory setting is Off.

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Ecology` option, and then press **OK**.
4. Press ▲ or ▼ to display the `Quiet Mode` option, and then press **OK**.
5. Press ▲ or ▼ to display the `On` or `Off` option, and then press **OK**.
6. Press **Cancel**.

In the Event of Power Failure (Memory Storage)

Your menu settings are stored permanently, and in the event of a power failure will not be lost.Temporary settings (for example, Contrast, Overseas Mode) will be lost.

- (Dell E515dn/Dell E515dw)
  During a power failure the machine will retain the date and time and programed fax timer jobs (for example: Delayed Fax) for approximately 60 hours. Other fax jobs in the machine's memory will not be lost.

Change the Language on the LCD

Change the LCD language if needed.
This feature is not available in some countries.

- Dell E514dw
- Dell E515dn/Dell E515dw

Dell E514dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `General Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Local Language` option, and then press **OK**.
4. Press ▲ or ▼ to display your language, and then press **OK**.
5. Press **Cancel**.

Dell E515dn/Dell E515dw

1. Press **Menu**.
2. Press ▲ or ▼ to display the `Initial Setup` option, and then press **OK**.
3. Press ▲ or ▼ to display the `Local Language` option, and then press **OK**.
4. Press ▲ or ▼ to display your language, and then press **OK**.
5. Press **Cancel**.

Print Reports

- Reports
- Print a Report

Reports

The following reports are available:

- **Transmission(Dell E515dn/Dell E515dw)**
  The Transmission report prints a Transmission Verification Report for your last transmission.
- **Address Book(Dell E515dn/Dell E515dw)**
  The Address Book report prints an alphabetical list of names and numbers stored in the Address Book memory.
- **Fax Journal (Dell E515dn/Dell E515dw)**
  The Fax Journal prints a list of information about your last 200 incoming and outgoing faxes. (TX means Transmit) (RX means Receive)
- **User Settings**
  The User Settings report prints a list of your current settings.
- **Printer Settings**
  The Printer Settings report prints a list of your current printer settings.
- **Network Configuration**
  The Network Configuration report prints a list of your current network settings.
- **WLAN Report (Dell E514dw/Dell E515dw)**
  The WLAN Report prints the result of wireless LAN connectivity diagnosis.
- **Caller ID history (Dell E515dn/Dell E515dw)**
  The Caller ID history report prints a list of the available Caller ID information for the last 30 received faxes and telephone calls.

NOTE: To print the Caller ID list, use the Print Report option in the caller ID setting menu.

Print a Report

1. Press **Menu**.
2. Do one of the following:
   - Dell E515dn/Dell E515dw
     Press ▲ or ▼ to display the `Print Reports` option, and then press **OK**.
   - (Dell E514dw)
     Press ▲ or ▼ to display the `Machine Info.` option, and then press **OK**.
3. Press ▲ or ▼ to display the report you want to print, and then press **OK**.
4. Do one of the following:
   - If you choose `Transmission`, do one of the following:
     - To view the Transmission Verification Report, Press ▲ or ▼ to display the `View on LCD`, and then press **OK**.
     - To print the Transmission Verification Report, Press ▲ or ▼ to display the `Print Report`, and then press **OK**.
       Press **Start**.
   - If you choose other reports, Press **Start**.
5. Press **Cancel**.

Settings and Features Tables

The Settings tables will help you understand the menu selections and options that are found in the machine's programs.

- Settings Tables (Dell E515dn/Dell E515dw)
- Settings Tables (Dell E514dw)

Settings Tables (Dell E515dn/Dell E515dw)

- General Setup
- Fax
- Copy
- Printer
- Print Reports
- Network
- Machine Info.
- Initial Setup

General Setup

Related Models:Dell E515dn / Dell E515dw

Level 1	Level 2	Level 3	Descriptions

Default Mode	-	-	Select the default mode.
Mode Timer	-	-	Set the time to return to the default mode.
Paper	Paper Type	-	Set the type of paper in the paper tray.
	Paper Size	-	Set the size of paper in the paper tray.
	Check Size	-	Choose whether to display the message to check the size of paper in the machine and the machine setting match.
Volume	Ring	-	Adjust the ring volume.
	Beeper	-	Adjust the beeper volume.
	Speaker	-	Adjust the speaker volume.
Ecology	Toner Save	-	Increase the page yield of the toner cartridge.
	Sleep Time	-	Conserve power.
	Quiet Mode	-	Decrease printing noise.
LCD Contrast	-	-	Adjust the contrast of the LCD.
Security	TX Lock	-	Prohibit most operations except receiving faxes.
	Setting Lock	-	Restrict unauthorized users from changing the machine's settings.
Glass ScanSize	-	-	Adjust the scan area of the scanner glass to the size of the document.
Replace Toner	-	-	You can choose the machine to continue printing after the LCD displays Replace Toner, or stop printing when the message is displayed.

Fax

Related Models:Dell E515dn / Dell E515dw

Level 1	Level 2	Level 3	**Descriptions**
Setup Receive	Receive Mode	-	Select the receive mode that best suits your needs.
	Ring Delay	-	Set the number of rings before the machine answers in Fax or Fax/Tel mode.
	F/T Ring Time	-	Set the length of the pseudo/double-ring time in Fax/Tel mode.
	Easy Receive	-	Receive fax messages automatically when you answer a call and hear fax tones.
	Remote Codes	-	Answer calls at an extension or external telephone and use codes to turn the machine on or off. You can personalize the codes.
	Auto Reduction	-	Reduce the size of incoming faxes.
	Fax Rx Stamp	-	Print the received time and date on the top of the received faxes.
	2-sided	-	Print received faxes on both sides of the paper.

Setup Send	Contrast	-	Change the lightness or darkness of faxes you send.
	Fax Resolution	-	Set the default resolution for outgoing faxes.
	Delayed Fax	-	Set the time of day in 24 hour format that the delayed faxes will be sent.
	Real Time TX	-	Send a fax without using the memory.
	Coverpage	Setup	Set the machine to add the cover page to outgoing faxes.
		Message	Set up your own comments for the fax cover page.
	Overseas Mode	-	If you are having difficulty sending faxes overseas, set this to On.
	Destination	-	Set the machine to display the destination information on the LCD during fax sending.
	Auto Redial	-	Set the machine to redial the last fax number after five minutes if the fax did not go through because the line was busy.
Anti-Junk Fax	Register	-	Register the specific fax numbers to the blocked list to avoid receiving faxes from the numbers.
	Delete	-	Delete the number from the blocked list.
	Print Report	-	You can print a list of registered fax numbers in the blocked list.
Address Book	One Touch Dial	-	Store up to 8 One Touch Dial numbers, so you can dial by pressing one key (and **Start**).
	Speed Dial	-	Store up to 200 Speed Dial numbers, so you can dial by pressing only a few keys (and **Start**).
	Setup Groups	-	Set up to 20 Group numbers for Broadcasting.
Report Setting	Transmission	-	Select the initial setup for the Transmission Verification Report.
	Journal Period	-	Set the interval for automatic printing of the Fax Journal. If you select other than Off and Every 50 Faxes, you can set the time for the option. If you select Every 7 Days, you can set the day of the week.
Remote Fax Opt	Forward/Store	-	Set the machine to forward fax messages or to store incoming faxes in the memory (so you can retrieve them while you are away from your machine).
	Remote Access	-	Set your own code for Remote Retrieval.
	Print Fax	-	Print received faxes stored in the memory.
Dial Restrict.	Dial Pad	-	Set the machine to restrict dialing when using the dial pad.
	One Touch Dial	-	Set the machine to restrict the dialing of One Touch numbers.
	Speed Dial	-	Set the machine to restrict the dialing of Speed Dial numbers.
Remaining Jobs	-	-	Check which scheduled jobs are in the memory and cancel selected jobs.
Miscellaneous	Compatibility	-	Adjust the equalization for transmission difficulties. VoIP service providers offer fax support using various standards. If you regularly experience fax transmission errors, choose Basic (for VoIP).
	Distinctive (US and Canada only)	-	Turn on the telephone company's Distinctive Ring subscriber service to register your new ring pattern on the machine.
	Distinctive (For Denmark)	-	Turn on the telephone company's Distinctive Ring subscriber service to register your new ring pattern on the machine.
	Caller ID (Available only for some countries.)	-	View or print a list of the last 30 Caller IDs stored in the memory.

Copy

Related Models:Dell E515dn / Dell E515dw

Level 1	Level 2	Descriptions
Quality	-	Choose the Copy resolution for your type of document.
Brightness	-	Adjust the brightness for copies.
Contrast	-	Adjust the contrast for copies.
ID Copy	Quality	Choose the Copy resolution for your type of document.
	Brightness	Adjust the brightness for copies.
	Contrast	Adjust the contrast for copies.
	2in1/1in1	Make 2 in 1 ID copies.

Printer

Related Models:Dell E515dn / Dell E515dw

Level 1	Descriptions
Test Print	Print a test page.
2-sided	Turn 2-sided printing off or on and select flip on long edge or short edge.
Auto Continue	Select this setting if you want the machine to clear paper size errors and to use the paper in the tray.
Reset Printer	Restore the printer settings to the factory settings.

Print Reports

Related Models:Dell E515dn / Dell E515dw

Level 1	Level 2	Descriptions
Transmission	View on LCD	Display a Transmission Verification Report for your last transmission.
	Print Report	Print a Transmission Verification Report for your last transmission.
Address Book	Numeric	Print a list of names and numbers stored in the Address Book, in numerical order.
	Alphabetic	Print a list of names and numbers stored in the Address Book, in alphabetical order.
Fax Journal	-	Print a list of information about your last 200 incoming and outgoing faxes. (TX means Transmit. RX means Receive.)
Print Settings	-	Print a list of your settings for printing.
User Settings	-	Print a list of your settings.
Network Config	-	Print a list of your Network settings.
WLAN Report	-	Print the result of wireless LAN connectivity.

Network

Related Models:Dell E515dn / Dell E515dw

For Dell E515dw

Level 1	Level 2	Level 3	Descriptions
Wired LAN	TCP/IP	Boot Method	Select the BOOT method that best suits your needs.
		IP Address	Enter the IP address.
		Subnet Mask	Enter the Subnet mask.
		Gateway	Enter the Gateway address.
		Node Name	Enter the Node name. (Up to 32 characters)
		WINS Config	Select the WINS configuration mode.
		WINS Server	Specify the IP address of the primary or secondary WINS server.
		DNS Server	Specify the IP address of the primary or secondary DNS server.
		APIPA	Set the machine to automatically allocate the IP address from the link-local address range.
		IPv6	Turn the IPv6 protocol on or off.
	Ethernet	-	Select the Ethernet link mode.
	Wired Status	-	View the current wired status.
	MAC Address	-	View the MAC address of the machine.
	Set to Default	-	Restore the wired network setting to the factory setting.
	Wired Enable	-	Turn the Wired LAN on or off manually.

WLAN	TCP/IP	Boot Method	Select the BOOT method that best suits your needs.
		IP Address	Enter the IP address.
		Subnet Mask	Enter the Subnet mask.
		Gateway	Enter the Gateway address.
		Node Name	Enter the Node name. (Up to 32 characters)
		WINS Config	Select the WINS configuration mode.
		WINS Server	Specify the IP address of the primary or secondary WINS server.
		DNS Server	Specify the IP address of the primary or secondary DNS server.
		APIPA	Set the machine to automatically allocate the IP address from the link-local address range.
		IPv6	Turn the IPv6 protocol on or off.
	WLAN Assistant	-	Configure your wireless network settings using the Dell CD-ROM.
	Setup Wizard	-	Configure your internal print server manually.
	WPS/AOSS	-	Configure your wireless network settings using the one-button push method.
	WPS w/PIN Code	-	Configure your wireless network settings using WPS with a PIN.
	WLAN	Status	View the current wireless network status.
		Signal	View the current wireless network signal strength.
		SSID	View the current SSID.
		Comm. Mode	View the current Communication Mode.
	MAC Address	-	View the MAC address of the machine.
	Set to Default	-	Restore the wireless network setting to the factory setting.
	WLAN Enable	-	Turn the WLAN on or off manually.
Wi-Fi Direct	Push Button	-	Configure your Wi-Fi Direct™ network settings using the one-button push method.
	PIN Code	-	Configure your Wi-Fi Direct™ network settings using WPS with a PIN code.
	Manual	-	Configure your Wi-Fi Direct™ network settings manually.
	Group Owner	-	Set your machine as the Group Owner.
	Device Info.	Device Name	View the device name of your machine.
		SSID	View the SSID of the Group Owner. When the machine is not connected, LCD displays Not Connected.
		IP Address	View the current IP Address of your machine.
	Status Info.	Status	View the current Wi-Fi Direct™ network status.
		Signal	View the current Wi-Fi Direct™ network signal strength. When your machine acts as Group Owner, the LCD always indicate a strong signal.
	I/F Enable	-	Turn the Wi-Fi Direct™ connection on or off.
Network Reset	-	-	Restore all network settings back to the factory settings.

For Dell E515dn

Level 1	Level 2	Level 3	Descriptions
TCP/IP	Boot Method	-	Select the BOOT method that best suits your needs.
	IP Address	-	Enter the IP address.
	Subnet Mask	-	Enter the Subnet mask.
	Gateway	-	Enter the Gateway address.
	Node Name	-	Enter the Node name. (Up to 32 characters)
	WINS Config	-	Select the WINS configuration mode.
	WINS Server	Primary	Specify the IP address of the primary WINS server.
		Secondary	Specify the IP address of the secondary WINS server.
	DNS Server	Primary	Specify the IP address of the primary DNS server.
		Secondary	Specify the IP address of the secondary DNS server.
	APIPA	-	Set the machine to automatically allocate the IP address from the link-local address range.
	IPv6	-	Turn the IPv6 protocol on or off.
Ethernet	-	-	Select the Ethernet link mode.
Wired Status	-	-	View the current wired status.
MAC Address	-	-	View the MAC address of the machine.
Network Reset	-	-	Restore all network settings back to the factory settings.

Machine Info.

Related Models:Dell E515dn / Dell E515dw

Level 1	Level 2	Level 3	Descriptions
Serial No.	-	-	Check the serial number of your machine.
Version	-	-	Check the firmware version of your machine.
Page Counter	-	-	Check the number of total pages the machine has printed during its life.
Parts Life	Toner	-	View the approximate remaining toner life.
	Drum	-	You can check the percentage of a Drum life that remains available.

Initial Setup

Related Models:Dell E515dn / Dell E515dw

Level 1	Level 2	Descriptions
Date&Time	Date&Time	Add the date and time on the screen and in the headings of the faxes you send.
	Auto Daylight	Sets the machine to automatically change for Daylight Saving Time.
	Time Zone	Set your time zone.
Station ID	-	Enter your name and fax number to appear on each page you fax.
Tone/Pulse	-	Select the dialing mode.
Dial Tone	-	Shorten the dial tone detect pause.
Dial Prefix	-	Set a prefix number to always be added before the fax number every time you dial.

Reset	Machine Reset	Restore all the machine settings that you have changed, such as Date and Time and Ring Delay.
	Network	Restore all network settings back to the factory settings.
	Address & Fax	Erase all stored phone numbers and fax settings.
	All Settings	Restore all the machine's settings back to the factory settings.
	Factory Reset	Restores all the machine's settings to the factory defaults. Perform this operation when you dispose of your machine.
Local Language (available only for certain models)	-	Change your LCD language.

Settings Tables (Dell E514dw)

- General Setup
- Copy
- Printer
- Network
- Machine Info.

General Setup

Related Models:Dell E514dw

Level 1	Level 2	Level 3	Descriptions
Paper	Paper Type	-	Set the type of paper in the paper tray.
	Paper Size	-	Set the size of paper in the paper tray.
	Check Size	-	Choose whether to display the message to check the size of paper in the machine and the machine setting match.
Ecology	Toner Save	-	Increase the page yield of the toner cartridge.
	Sleep Time	-	Conserve power.
	Quiet Mode	-	Decrease printing noise.
	Auto Power Off		Set the number of hours that the machine will remain in Deep Sleep Mode before going into Power Off mode.
LCD Contrast	-	-	Adjust the contrast of the LCD.
Replace Toner	-	-	Set the machine to continue printing after the LCD displays Replace Toner.
Reset	Machine Reset	-	Restore all the machine settings that you have changed, such as Date and Time.
	Network	-	Restore all network settings back to the factory settings.
	All Settings	-	Restore all the machine's settings back to the factory settings.
	Factory Reset	-	Restore all the machine's settings back to the factory settings.
Local Language (available only for certain models)	-	-	Change your LCD language.

Copy

Related Models:Dell E514dw

Level 1	Level 2	Descriptions
Quality	-	Choose the Copy resolution for your type of document.
Brightness	-	Adjust the brightness for copies.
Contrast	-	Adjust the contrast for copies.
ID Copy	Quality	Choose the Copy resolution for your type of document.
	Brightness	Adjust the brightness for copies.
	Contrast	Adjust the contrast for copies.
	2in1/1in1	Make 2 in 1 ID copies.

Printer

Related Models:Dell E514dw

Level 1	Level 2	Level 3	Descriptions
Emulation	-	-	Set the printer emulation mode.
Print Options	Internal Font	PCL Setting	Prints a list of the machine's internal fonts.
		PS Emulate	
	Test Print	-	Print a test page.
2-sided	-	-	Turn 2-sided printing off or on and select flip on long edge or short edge.
Auto Continue	-	-	Select this setting if you want the machine to clear paper size errors and to use the paper in the tray.
Reset Printer	-	-	Restore the printer settings to the factory settings.

Network

Related Models:Dell E514dw

For wired and wireless network models

Level 1	Level 2	Level 3	Level 4	Descriptions
Wired LAN	TCP/IP	Boot Method	-	Select the BOOT method that best suits your needs.
		IP Address	-	Enter the IP address.
		Subnet Mask	-	Enter the Subnet mask.
		Gateway	-	Enter the Gateway address.
		Node Name	-	Enter the Node name. (Up to 32 characters)
		WINS Config	-	Select the WINS configuration mode.
		WINS Server	Primary	Specify the IP address of the primary WINS server.
			Secondary	Specify the IP address of the secondary WINS server.
		DNS Server	Primary	Specify the IP address of the primary DNS server.
			Secondary	Specify the IP address of the secondary DNS server.
		APIPA	-	Set the machine to automatically allocate the IP address from the link-local address range.
		IPv6	-	Turn the IPv6 protocol on or off.
	Ethernet	-	-	Select the Ethernet link mode.
	Wired Status	-	-	View the current wired status.
	MAC Address	-	-	View the MAC address of the machine.
	Set to Default	-	-	Restore the wired network setting to the factory setting.
	Wired Enable	-	-	Turn the Wired LAN on or off manually.

WLAN	TCP/IP	Boot Method	-	Select the BOOT method that best suits your needs.
		IP Address	-	Enter the IP address.
		Subnet Mask	-	Enter the Subnet mask.
		Gateway	-	Enter the Gateway address.
		Node Name	-	Enter the Node name. (Up to 32 characters)
		WINS Config	-	Select the WINS configuration mode.
		WINS Server	Primary	Specify the IP address of the primary WINS server.
			Secondary	Specify the IP address of the secondary WINS server.
		DNS Server	Primary	Specify the IP address of the primary DNS server.
			Secondary	Specify the IP address of the secondary DNS server.
		APIPA	-	Set the machine to automatically allocate the IP address from the link-local address range.
		IPv6	-	Turn the IPv6 protocol on or off.
	WLAN Assistant	-	-	Configure your wireless network settings using the Dell CD-ROM.
	Setup Wizard	-	-	Configure your wireless network settings manually.
	WPS/AOSS	-	-	Configure your wireless network settings using the one-button push method.
	WPS w/PIN Code	-	-	Configure your wireless network settings using WPS with a PIN.
	WLAN	Status	-	View the current wireless network status.
		Signal	-	View the current wireless network signal strength.
		SSID	-	View the current SSID.
		Comm. Mode	-	View the current Communication Mode.
	MAC Address	-	-	View the MAC address of the machine.
	Set to Default	-	-	Restore the wireless network setting to the factory setting.
	WLAN Enable	-	-	Turn the wireless LAN on or off manually.
Wi-Fi Direct	Push Button	-	-	Configure your Wi-Fi Direct™ network settings using the one-button push method.
	PIN Code	-	-	Configure your Wi-Fi Direct™ network settings using WPS with a PIN code.
	Manual	-	-	Configure your Wi-Fi Direct™ network settings manually.
	Group Owner	-	-	Set your machine as the Group Owner.
	Device Info.	Device Name	-	View the device name of your machine.
		SSID	-	View the SSID of the Group Owner. When the machine is not connected, LCD displays Not Connected.
		IP Address	-	View the current IP Address of your machine.
	Status Info.	Status	-	View the current Wi-Fi Direct™ network status.
		Signal	-	View the current Wi-Fi Direct™ network signal strength. When your machine acts as Group Owner, the LCD always indicate a strong signal.
	I/F Enable	-	-	Turn the Wi-Fi Direct™ connection on or off.

Network Reset	-	-	-	Restore all network settings back to the factory settings.

Machine Info.

Related Models:Dell E514dw

Level 1	Level 2	Descriptions
Serial No.	-	Check the serial number of your machine.
Version	-	Check the firmware version of your machine.
Page Counter	-	Check the number of total pages the machine has printed during its life.
Parts Life	Toner	View the approximate remaining toner life.
	Drum	You can check the percentage of a Drum life that remains available.
Print Settings	-	Print a list of your settings for printing.
User Settings	-	Print a list of your settings.
Network Config	-	Print a list of your Network settings.
WLAN Report	-	Print the result of wireless LAN connectivity.

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Appendix

- Specifications
- How to Enter Text on Your Dell Machine
- Environmental Information Notice
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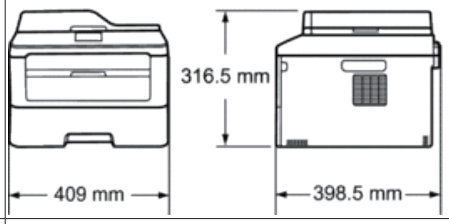
Specifications

- General Specifications
- Document Size Specification
- Print Media Specifications
- Fax Specifications
- Copy Specification
- Scanner Specifications
- Printer Specifications
- Interface Specifications
- Supported Protocols and Security Features
- Computer Requirements Specifications

General Specifications

Printer Type		Laser
Print Method		Electrophotographic Laser Printer
Memory Capacity		64 MB
LCD (liquid crystal display)		16 characters x 2 lines
Power Source		110 - 120 V AC 50/60Hz
Power Consumption (Average)	Peak *1	Approximately 1104 W
	Ready *1	Approximately 60 W at 73.4 °F (23 °C)
	Sleep *1	(Dell E514dw) 110 - 120 V Approximately 5.3 W 220 - 240 V Approximately 6.6 W (Dell E515dn/Dell E515dw) 110 - 120 V Approximately 5.8 W 220 - 240 V Approximately 6.6 W
	Deep Sleep *1	110 - 120 V Approximately 2.4 W *2 220 - 240 V Approximately 1.1 W
	Power Off *1 *3 *4	110 - 120 V Approximately 0.02 W 220 - 240 V Approximately 0.08 W

Dimensions			
Weights (with supplies)			(Dell E514dw) 24.9 lb (11.3 kg) (Dell E515dn/Dell E515dw) 27.3 lb (12.4 kg)
Noise Level	Sound Pressure	Printing	LpAm = 50 dB (A)
		Ready	LpAm = 33 dB (A)
	Sound Power	Printing	LWAd = 6.5 B (A)
		Ready	LWAd = 4.6 B (A)
Temperature	Operating		50 °F to 90 °F (10 to 32 °C)
	Storage		32 °F to 104 °F (0 to 40 °C)
Humidity	Operating		20 to 80 % (without condensation)
	Storage		10 to 90 % (without condensation)
ADF (automatic document feeder)			Up to 35 sheets For best results we recommend: Temperature: 68 °F to 86 °F (20 to 30 °C) Humidity: 50% to 70% Paper: 20 lb (80 g/m^2)

*1 USB connections to computer

*2 This condition is equivalent to Network standby mode, the power consumption in this condition is that all wired network ports are connected and all wireless network ports are activated.

*3 Measured according to IEC 62301 Edition 2.0

*4 Power consumption varies slightly depending on the usage environment.

Document Size Specification

Document Size	ADF Width	5.8 to 8.5 in. (147.3 to 215.9 mm)
	ADF Length	5.8 to 14.0 in. (147.3 to 355.6 mm)
	Scanner Glass Width	Max. 8.5 in. (215.9 mm)
	Scanner Glass Length	Max. 11.8 in. (300 mm)

Print Media Specifications

Paper Input	Paper Tray (Standard)	Paper Type	Plain Paper, Thin Paper, Recycled Paper
		Paper Size	A4, Letter, A5, A5 (Long Edge), A6, Executive, Legal, Folio
		Paper Weight	16 to 28 lb (60 to 105 g/m^2)
		Maximum Paper Capacity	Up to 250 sheets of 20 lb (80 g/m^2) Plain Paper
	Manual Feed Slot	Paper Type	Plain Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Bond, Label, Envelope, Env. Thin, Env.Thick
		Paper Size	Width: 3 to 8.5 in. (76.2 to 215.9 mm) Length: 5 to 14 in. (127 to 355.6 mm)
		Paper Weight	16 to 43 lb (60 to 163 g/m^2)
		Maximum Paper Capacity	One sheet at a time
Paper Output	Face-Down Output Tray		Up to 100 Sheets of 20 lb (80 g/m^2) Plain Paper (face-down delivery to the face-down output paper tray)
	Face-Up Output Tray		One sheet (face-up delivery to the face-up output tray)
2-sided	Automatic 2-sided Printing	Paper Type	Plain Paper, Thin Paper, Recycled Paper
		Paper Size	Letter, Legal, Folio
		Paper Weight	16 to 28 lb (60 to 105 g/m^2)

Fax Specifications

Related Models:Dell E515dn / Dell E515dw

Compatibility		ITU-T Super Group 3
Coding System		MH / MR / MMR / JBIG
Modem Speed		33,600 bps (with Automatic Fallback)
2-sided Print Receiving		Yes
Scanning Width		Max. 8.19 in. (208 mm)
Printing Width		Max. 8.19 in. (208 mm)
Gray Scale		8bit / 256 levels
Resolution	Horizontal	203 dpi
	Vertical	Standard: 98 dpi
		Fine: 196 dpi
		Super fine: 392 dpi
One Touch Dial		8 (4 x 2) locations
Speed Dial		200 Locations
Groups		Up to 20
Broadcasting		258 Locations
Automatic Redial		3 times at 5 minutes intervals
Memory Transmission		Up to 500 pages *1
Out of Paper Reception		Up to 500 pages *1

*1 'Pages' refers to the 'ITU-T Test Chart #1' (a typical business letter, Standard resolution, JBIG code).

Specifications and printed materials are subject to change without prior notice.

Copy Specification

Copy Width	Max. 8.27 in. (210 mm)
Multiple Copies	Sorts/Stacks up to 99 pages
Enlarge/Reduce	25% to 400% (in increments of 1%)
Resolution	600 x 600 dpi
First Copy Out Time *1	Less than 10 seconds at 73.4 °F (23 °C) / 115 V

*1 From Ready Mode and standard tray

Scanner Specifications

Color / Black	Yes / Yes
TWAIN Compliant	Yes (Windows Vista® / Wi[n]dows® 7 / Windows® 8 / Windows® 8.1) (OS X v10.8.x / 10.9.x / 10.10.x *1)
WIA Compliant	Yes (Windows Vista® / Wi[n]dows® 7 / Windows® 8 / Windows® 8.1)
ICA Compliant	Yes (OS X v10.8.x / 10.9.x / 10.10.x *1)
Color Depth	30 bit color Processing (Input) 24 bit color Processing (Output)
Gray Scale	10 bit color Processing (Input) 8 bit color Processing (Output)
Resolution *2	Up to 19200 × 19200 dpi (interpolated) Max. 600 x 2400 dpi (from Scanner Glass) Max. 600 x 600 dpi (from ADF)
Scanning Width	Max. 8.27 in. (210 mm)

*1 For the latest driver updates for the version of OS X you are using, go to your model's page on the Dell website at http://www.dell.com/.
*2 Maximum 1200 × 1200 dpi scanning with the WIA driver in Windows Vista®, Windows® 7, Windows® 8 and Windows® 8.1

Printer Specifications

Automatic 2-sided Print	Yes
Emulations	PCL6, XPS, Dell emulate PS (PostScript® 3™)
Resolution	600 x 600 dpi, HQ1200 (2400 x 600 dpi) quality
Print Speed (2-sided)	Up to 13 sides/minute (Up to 6.5 sheets/minute) (Letter size)
Print Speed	Up to 27 pages/minute (Letter size)
First Print Time *1	Less than 8.5 seconds at 73.4 °F (23 °C) / 115 V

*1 From Ready Mode and standard tray

Interface Specifications

USB *1 *2	Hi-Speed USB 2.0 Use a USB 2.0 interface cable that is no more than 6 feet (2.0 meters) long.

LAN (For models with wired network function)	10BASE-T / 100BASE-TX Use a straight-through Category 5 (or greater) twisted-pair cable.
Wireless LAN (For models with wireless network function)	IEEE 802.11b/g/n (Infrastructure/Ad-hoc Mode) IEEE 802.11g/n (Wi-Fi Direct™)

*1 Your machine has a USB 2.0 Hi-Speed interface. The machine can also be connected to a computer that has a USB 1.1 interface.

*2 Third party USB ports are not supported.

Supported Protocols and Security Features

Ethernet

10Base-T/100Base-TX

Wireless LAN

IEEE 802.11b/g/n (Infrastructure Mode/Ad-hoc Mode), IEEE 802.11g/n (Wi-Fi Direct™)

Protocols (IPv4)

ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port 9100, IPP, FTP Server, SNMPv1/v2c/v3, HTTP Server, TFTP Client and Server, SMTP Client, ICMP, Web Services (Print/Scan), SNTP Client, POP3 (When Internet FAX is downloaded.) , IMAP4 (When Internet FAX is downloaded.)

Protocols (IPv6)

NDP, RA, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/ Port 9100, IPP, FTP Server, SNMPv1/v2c, HTTP Server, TFTP Client and Server, SMTP Client, ICMPv6, Web Services (Print/Scan), SNTP Client, POP3 (When Internet FAX is downloaded.) , IMAP4 (When Internet FAX is downloaded.)

Network Security (Wired)

SMTP-AUTH, SNMP v3, APOP (When Internet FAX is downloaded.)

Network Security (Wireless)

SMTP-AUTH, SNMP v3, APOP (When Internet FAX is downloaded.)

Wireless Network Security

WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)

Wireless Certification

Wi-Fi Certification Mark License (WPA™/WPA2™ - Personal), Wi-Fi Protected Setup™ (WPS) Identifier Mark License, AOSS™ Logo, Wi-Fi CERTIFIED Wi-Fi Direct™

Computer Requirements Specifications

Supported Operating Systems And Software Functions

Computer Platform & Operating System Version	PC Interface			Processor	Hard Disk Space to install	
	USB *1	10/100 Base-TX (Ethernet)	Wireless 802.11b/g/n		For Drivers	For Applications

Windows® Operating System	Windows Vista® *2	Printing PC Fax *3 Scanning	32 bit (x86) or 64 bit (x64) processor	500 MB	1.2 GB
	Windows® 7 *2			650 MB	
	Windows® 8 *2				
	Windows® 8.1 *2				
	Windows Server® 2003	Printing Scanning	32 bit (x86) or 64 bit (x64) processor	50 MB	N/A
	Windows Server® 2003 x64 Edition		64 bit (x64) processor		
	Windows Server® 2008		32 bit (x86) or 64 bit (x64) processor		
	Windows Server® 2008 R2		64 bit (x64) processor		
	Windows Server® 2012				
	Windows Server® 2012 R2				
Macintosh Operating System	OS X v10.8.x OS X v10.9.x OS X v10.10.x	Printing PC-Fax (Send) *3 Scanning	Intel® Processor	80 MB	400 MB

For the latest driver updates, go to your model's page on the Dell website at http://www.dell.com/.

All trademarks, brand and product names are the property of their respective companies.

*1 Third party USB ports are not supported.

*2 For WIA, 1200 x 1200 resolution.

*3 PC-Fax supports black and white only.

How to Enter Text on Your Dell Machine

Dell E514dw Dell E515dn/Dell E515dw

Dell E514dw

When setting certain options, such as the Network Key, you must enter characters on the machine:

- Hold down or repeatedly press ▲ or ▼ to select a character from this list:
  0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ(space)!"#$%&'()*+,-./:;<=>?@[]^_
- Press **OK** when the character or symbol you want is displayed, and then enter the next character.
- Press **Clear** to delete characters entered incorrectly.

Dell E515dn/Dell E515dw

When setting certain options, such as the Station ID, you must enter characters. The available number and letters are printed on each dial pad button.

The buttons 0, # and * are used for special characters.

- Press the appropriate dial pad button the number of times shown in this reference table to access the character you want.

Press button	One time	Two times	Three times	Four times	Five times	Six times	Seven times	Eight times	Nine times
1	@	.	/	1	@	.	/	1	@
2	a	b	c	A	B	C	2	a	b
3	d	e	f	D	E	F	3	d	e
4	g	h	i	G	H	I	4	g	h
5	j	k	l	J	K	L	5	j	k
6	m	n	o	M	N	O	6	m	n
7	p	q	r	s	P	Q	R	S	7
8	t	u	v	T	U	V	8	t	u
9	w	x	y	z	W	X	Y	Z	9

For options that do not allow lower case characters, use the following table:

Press button	One time	Two times	Three times	Four times	Five times
2	A	B	C	2	A
3	D	E	F	3	D
4	G	H	I	4	G
5	J	K	L	5	J
6	M	N	O	6	M
7	P	Q	R	S	7
8	T	U	V	8	T
9	W	X	Y	Z	9

- Inserting spaces
  To enter a space in a fax number, press ▶ once between numbers. To enter a space in a name, press ▶ twice between characters.
- Making corrections
  If you entered a character incorrectly and want to change it, press ◀ or ▶ to move the cursor to the incorrect character, and then press **Clear**.
- Repeating letters
  To enter a letter on the same button as the previous letter, press ▶ to move the cursor right before pressing the button again.
- Special symbols and characters
  Press *, # or 0, then press ◀ or ▶ to move the cursor to the symbol or character you want. Press **OK** to select it. The symbols and characters that are available on dial pad buttons are shown in the table.

Press *	(space) ! " # $ % & ' ( ) * + , - . / €
Press #	: ; < = > ? @ [ ] ^ _ \ ~ ‘ | { }
Press 0	É À È Ê Î Ç Ë Ö 0

Environmental Information Notice

At Dell, we aim to make “being environmentally conscious” easier, more efficient and more cost effective for our customers. We thank you for choosing Dell printers, and here are some useful environmental information regarding this printer before you begin using:

1. **Choice to print on various print media ranging from recycled, virgin paper to light weight paper in the range of 60-163 g/m^2 certified under environmental stewardship initiatives.**
2. **Choice to print on 60 g/m^2 paper which contains less raw material per print, helping you contribute to saving significant environment resources.**
3. **Designed to be energy efficient with power saving modes, your new Dell printer is Energy Star qualified so you consume less power during printing and standby modes. Efficient power management in your Dell printer helps you conserve energy resources and gain cost savings for your power usage.**
4. **If supported, use duplex printing function to print on both sides of paper so you can help reduce the consumption of raw materials used to manufacture paper.**
   Information on setting the supported duplex printing function as default can be found on the printer User's Guide found on the Software and Documentation disc. For the latest User's Guide, check our website at support.dell.com.

For detail information on environmental performance of product, visit Dell Regulatory Environment Data Sheet website at www.dell.com/regulatory_compliance.
For detail information on paper types and toner/ink cartridge yields for this printer, check your local country Dell website for the printer information at dell.com.

Dell Technical Support Policy

Technician-assisted technical support requires the cooperation and participation of the customer in the troubleshooting process and provides for restoration of the operating system, software program and hardware drivers to the original default configuration as shipped from Dell, as well as the verification of appropriate functionality of the printer and all Dell-installed hardware. In addition to this technician assisted technical support, online technical support is available at Dell Support. Additional technical support options may be available for purchase.
Online Services You can learn about Dell products and services on the following websites:

- www.dell.com
- www.dell.com/ap (Asian/Pacific countries only)
- www.dell.com/jp (Japan only)
- www.euro.dell.com (Europe only)
- www.dell.com/la (Latin American and Caribbean countries)
- www.dell.ca (Canada only)

You can access Dell Support through the following websites and e-mail addresses:

- Dell Support websites dell.com/support
  support.jp.dell.com (Japan only)
  support.euro.dell.com(Europe only)
- Dell Support e-mail addresses mobile_support@us.dell.com
  support@us.dell.com
  la-techsupport@dell.com (Latin America and Caribbean countries only)
  apsupport@dell.com (Asian/Pacific countries only)
- Dell Marketing and Sales e-mail addresses
  apmarketing@dell.com (Asian/Pacific countries only)
  sales_canada@dell.com (Canada only)
- Anonymous file transfer protocol (FTP)
  ftp.dell.com
  Log in as user: "anonymous", and use your e-mail address as your password.

Warranty and Return Policy

Dell Inc. ("Dell") manufactures its hardware products from parts and components that are new or equivalent to new in accordance with industry-standard practices. For information about the Dell warranty for your printer, see www.dell.com/support.

Recycling Information

It is recommended that customers dispose of their used computer hardware, monitors, printers, and other peripherals in an environmentally sound manner. Potential methods include reuse of parts or whole products and recycling of products, components, and/or materials.

For specific information on Dell's worldwide recycling programs, see www.dell.com/recycle.

Contacting Dell

You can access Support for Home at dell.com/support. Select your region, enter the Service Tag of your printer and click Submit to access help tools and information.

You can contact Dell electronically using the following addresses:

- World Wide Web www.dell.com
  www.dell.com/ap (Asian/Pacific countries only)
  www.dell.com/jp (Japan only)
  www.euro.dell.com (Europe only)
  www.dell.com/la (Latin American and Caribbean countries)
  www.dell.ca (Canada only)
- Anonymous file transfer protocol (FTP)
  ftp.dell.com
  Log in as user: "anonymous", and use your e-mail address as your password.
- Electronic Support Service
  mobile_support@us.dell.com
  support@us.dell.com

la-techsupport@dell.com (Latin America and Caribbean countries only)
apsupport@dell.com (Asian/Pacific countries only)
support.jp.dell.com (Japan only)
support.euro.dell.com(Europe only)

- Electronic Quote Service apmarketing@dell.com (Asian/Pacific countries only)
  sales_canada@dell.com (Canada only)

Additional documents for Important Information

SAFETY: Laser Printer

Internal laser radiation
Max. Radiation Power: 25mW
Wave Length: 770 - 800 nm
Laser Class: Class 3B

SAFETY: General Safety

- Ventilate well during extended operation or mass copying. It may affect the office air environment due to odor such as ozone in a poorly ventilated room. Provide proper ventilation to ensure the comfortable and safe environment.
- This equipment is also designed for IT power system with phase to phase voltage 230V.
  (For Norway Only).

FCC Part68 comment,

- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, call your telephone company or a qualified installer.

Information regarding recycled paper

- Recycled paper is of the same quality of paper made from original forest sources. Standards governing modern recycled paper ensure that it meets the highest quality requirements for different printing processes. The imaging equipment supplied by the VA signatories is suitable for using with recycled paper meeting the EN 12281:2002 standard.
- Purchasing recycled paper saves natural resources and promotes the circular economy. Paper is made using cellulose fibres from wood. Collecting and recycling paper extends the life of fibres over multiple life cycles making the best use of the resources.
- The recycled paper production process is shorter. The fibres have already been processed; so less water, chemicals and energy are used.
- Paper recycling has the benefit of saving carbon by diverting paper products from alternative disposal routes such as landfill and incineration. Landfill waste emits methane gas which has a powerful greenhouse effect.

Requisite for R&TTE

CE

Additional information for installation

If user can't install Page Manager properly, below message is shown.
"The OCR software must be installed to use this feature.
Before installing, ensure that your computer has access to the internet.
To install, click the PageManager (OCR) button. "

Printing With Mopria ™

Mopria-certified mobile devices can connect and print to certify printer. Either connect your mobile devices to the same network as the printer or make a direct connection with Wi-Fi Direct®.
Works with Mopria-certified smartphones and tablets or Android 4.4 devices with the Mopria Print Service download from Google Play.

https://play.google.com/store/apps/

http://www.mopria.org/

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Glossary

This is a comprehensive list of features and terms that appear in Dell manuals. Availability of these features depends on the model you purchased.

A

Ad-Hoc Mode

The mode of operation in a wireless network, in which all devices (machines and computers) are connected without an access point/router.

Address Book

Names and numbers you have stored for easy dialing.

Address Book List

A listing of names and numbers stored in the Address Book memory, in alphabetical order.

ADF (Automatic Document Feeder)

The document can be placed in the ADF and scanned one page at a time automatically.

AES

Advanced Encryption Standard (AES) is the Wi-Fi®-authorized strong encryption standard.

AOSS™

AirStation One-Touch Secure System (AOSS™) is a system provided by Buffalo Technology. AOSS™ allows you to configure a secure wireless connection with the push of a button.

APIPA

If you do not assign an IP address manually (using the control panel [for LCD models] of the machine) or automatically (using a DHCP, BOOTP, or RARP server), the Automatic Private IP Addressing (APIPA) protocol will automatically assign an IP address from the range 169.254.1.0 to 169.254.254.255.

APOP

Authenticated Post Office Protocol (APOP) expands POP3 (the Internet receiving protocol) to include an authentication method that encrypts the password when the client receives email.

ARP

Address Resolution Protocol (ARP) performs mapping of an IP address to a MAC address in a TCP/IP network.

Authentication

Most wireless networks use some kind of security settings. These security settings define the authentication (how the device identifies itself to the network) and encryption (how the data is encrypted as it is sent on the network). If you do not correctly specify these options when you are configuring your Dell wireless machine, it will not be able to connect to the wireless network. Therefore, care must be taken when configuring these options.

Authentication Methods for a Personal Wireless Network

A personal wireless network is a small network (such as a home wireless network) without IEEE 802.1x support.

- Open system
  Wireless devices are allowed to access the network without any authentication.
- Shared key
  A secret pre-determined key is shared by all devices that will access the wireless network. The Dell wireless machine uses the WEP key as the pre-determined key.

- WPA-PSK/WPA-2-PSK
  Enables a Wi-Fi Protected Access® Pre-shared key (WPA-PSK/WPA2-PSK), which enables the Dell wireless machine to associate with access points using TKIP for WPA-PSK or AES for WPA-PSK and WPA2-PSK (WPA-Personal).

Auto Reduction

Reduces the size of incoming faxes.

Automatic Fax Transmission

Sending a fax without picking up the handset of the external telephone or pressing Hook.

Automatic Redial

A feature that enables your machine to redial the last fax number after five minutes if the fax did not go through because the line was busy.

B

Backup Print

Your machine prints a copy of every fax that is received and stored in memory. This is a safety feature so you will not lose messages during a power failure.

Beeper Volume

Volume setting for the sound when you press a key or make an error.

BOOTP

The Bootstrap Protocol (BOOTP) is a network protocol used by a network client to obtain an IP Address from a configuration server.

NOTE: To use BOOTP, contact your network administrator.

Broadcasting

The ability to send the same fax message to more than one location.

C

Caller ID

A service purchased from the telephone company that lets you see the number (or name) of the party calling you.

Cancel Job

Cancels a programmed print job and clears it from the machine's memory.

Channels

Wireless networks use channels. Each wireless channel is on a different frequency. There are up to 14 different channels that can be used when using a wireless network. However, in many countries the number of channels available is restricted.

CNG Tones

The special tones (beeps) sent by fax machines during automatic transmission to tell the receiving machine that a fax machine is calling.

Coding Method

Method of coding the information contained in the document. All fax machines must use a minimum standard of Modified Huffman (MH). Your machine is capable of greater compression methods, Modified Read (MR), Modified Modified Read (MMR) and JBIG, if the receiving machine has the same capability.

Communication Error (or Comm. Error)

An error during fax sending or receiving, usually caused by line noise or static.

Compatibility Group

The ability of one fax unit to communicate with another. Compatibility is assured between ITU-T Groups.

Contrast

Setting to compensate for dark or light documents, by making faxes or copies of dark documents lighter and light documents darker.

Custom Raw Port

Custom raw port is a commonly used printing protocol on a TCP/IP network that enables interactive data transmission. Default is Port 9100.

D

Delayed Fax

Sends your fax at a specified later time that day.

Density

Changing the Density makes the whole image lighter or darker.

DHCP

The Dynamic Host Configuration Protocol (DHCP) is a network protocol that is used to configure network devices so that they can communicate on an IP Network.

NOTE: To use DHCP, contact your network administrator.

Digital Signature

A Digital Signature is a value computed with a cryptographic algorithm and appended to a data object in such a way that any recipient of the data can use the signature to verify the data's origin and integrity.

Distinctive Ring

This feature is available only in the USA and Canada.

A subscriber service purchased from the telephone company that gives you another telephone number on an existing telephone line. The Dell machine uses the new number to simulate a dedicated fax line.

DNS Client

The Dell print server supports the Domain Name System (DNS) client feature. This feature allows the print server to communicate with other devices using its DNS name.

DNS Server

The Domain Name System (DNS) is a technology to manage the names of web sites and internet domains. A DNS server allows your computer to automatically find its IP address.

Dual Access

Your machine can scan outgoing faxes or scheduled jobs into memory at the same time it is sending a fax or receiving or printing an incoming fax.

E

Easy Receive

Enables your machine to respond to CNG tones if you interrupt a fax call by answering it.

ECM (Error Correction Mode)

Detects errors during fax transmission and resends the pages of the fax that had an error.

Encryption

Most wireless networks use some kind of security settings. These security settings define the authentication (how the device identifies itself to the network) and encryption (how the data is encrypted as it is sent on the network). If you do not correctly specify these options when you are configuring your Dell wireless machine, it will not be able to connect to the wireless network. Therefore, care must be taken when configuring these options.

Encryption Methods for a Personal Wireless Network

A personal wireless network is a small network (such as a home wireless network) without IEEE 802.1x support.

- None
  No encryption method is used.
- WEP
  When using Wired Equivalent Privacy (WEP) the data is transmitted and received with a secured key.
- TKIP
  Temporal Key Integrity Protocol (TKIP) provides per-packet key mixing a message integrity check and rekeying mechanism.
- AES
  Advanced Encryption Standard (AES) provides stronger data protection using a symmetric-key encryption.

NOTE: IEEE 802.11n does not support either WEP or TKIP as an encryption method.

NOTE: To connect to your wireless network using IEEE 802.11n, we recommend selecting AES.

Extension Telephone

A telephone on the fax number that is plugged into a separate telephone wall jack.

External Telephone

A telephone that is plugged into the EXT jack of your machine.

F

F/T Ring Time

The length of time that the Dell machine pseudo/double-rings (when the Receive Mode setting is Fax/Tel) to notify you to pick up a voice call that it answered.

Fax Forwarding

Sends a fax received into the memory to another pre-programmed fax number.

Fax Journal

Lists information about the last 200 incoming and outgoing faxes. TX means Transmit. RX means Receive.

Fax Receive Code (Fax/Tel Mode Only)

Press this code (*51) when you answer a fax call on an extension or external telephone.

Fax Storage

You can store faxes in the memory.

Fax Tones

The signals sent by sending and receiving fax machines while communicating information.

Fax/Tel

You can receive faxes and telephone calls. Do not use this mode if you are using a telephone answering device

(TAD).

Fine Resolution

Resolution is 203 × 196 dpi. It is used for small print and graphs.

FTP

The File Transfer Protocol (FTP) allows the Dell machine to scan black and white or color documents directly to an FTP server located locally on your network or on the Internet.

G

Gateway

A gateway is a network point that acts as an entrance to another network and sends data transmitted via the network to an exact destination. The router knows where to direct data that arrives at the gateway. If a destination is located on an external network, the router transmits data to the external network. If your network communicates with other networks, you may need to configure the Gateway IP address. If you do not know the Gateway IP address, then contact your Network Administrator.

Gray Scale

The shades of gray available for copying and faxing photographs.

Group Number

A combination of Address Book numbers that are stored in Address Book for Broadcasting.

H

HTTP (Web Server)

Hypertext Transfer Protocol (HTTP) is used to transmit the data between a web server and a web browser. The Dell print server is equipped with a built-in web server that allows you to monitor its status or change some of its configuration settings using a web browser.

I

Infrastructure Mode

The mode of operation in a wireless network, in which all devices (machines and computers) are connected via an access point/router.

Internet Fax (available as a download)

Internet Fax (I-Fax) allows you to send and receive fax documents using the Internet as the transport mechanism. To use this feature, go to the downloads page on the Dell website at http://www.dell.com/.

Before using this feature, configure the necessary machine's settings using the machine's control panel.

IP Address

An Internet Protocol (IP) address is a series of numbers that identifies each device connected to a network. An IP address consists of four numbers separated by dots. Each number is between 0 and 255.

Example: In a small network, you would normally change the final number.

192.168.1.1

192.168.1.2

192.168.1.3

How the IP address is assigned to your print server:

If you have a DHCP/BOOTP/RARP server in your network, the print server will automatically obtain its IP address from that server.

NOTE: On smaller networks, the DHCP server may also be the Router.

If you do not have a DHCP/BOOTP/RARP server, the Automatic Private IP Addressing (APIPA) protocol will automatically assign an IP address from the range 169.254.1.0 to 169.254.254.255.

IPP

The Internet Printing Protocol (IPP Version 1.0) allows you to print documents directly to any accessible machine via the Internet.

IPv6

IPv6 is the next generation Internet protocol.

J

Journal Period

The pre-programmed time period between automatically printed Fax Journal Reports. You can print the Fax Journal on demand without interrupting the cycle.

L

LLMNR

The Link-Local Multicast Name Resolution (LLMNR) protocol resolves the names of neighboring computers, if the network does not have a Domain Name System (DNS) server. The LLMNR Responder feature works in both the IPv4 or IPv6 environment when using a computer that has the LLMNR Sender feature, such as Windows Vista® and Windows® 7.

LPD

Line Printer Daemon (LPD or LPR) protocol is a commonly-used printing protocol on a TCP/IP network, mainly for UNIX®-based operating systems.

M

MAC Address

The MAC Address (Ethernet Address) is a unique number assigned for the machine's network interface. You can check your machine's MAC Address on the Dell machine's control panel and in the Network Configuration Report.

Manual Fax

When you press Hook to hear the receiving fax machine answer before you press Fax Start to begin transmission.

MDN

The Message Disposition Notification (MDN) field of the control panel menu requests the status of the Internet Fax/E-mail message after delivery through the Send Mail Transfer Protocol (SMTP) transport system.

Once the message has arrived at the receiver, this data is used when the machine or user reads or prints the received Internet Fax or E-mail.

For example, if the message is opened for reading or is printed, the receiver sends back a notification to the original sending machine or user.

NOTE: The receiver must support the MDN field to be able to send a notification report, otherwise the request will be

ignored.

mDNS

Multicase DNS (mDNS) allows the Dell print server to automatically configure itself to work in an OS X Simple Network Configuration system.

Memory Receive

Receives faxes into the machine's memory when the machine is out of paper.

N

NetBIOS Name Resolution

Network Basic Input/Output System (NetBIOS) name resolution enables you to obtain the IP address of the other device using its NetBIOS name during the network connection.

Network Configuration Report

The Network Configuration Report prints a report listing the current network configuration, including the network print server settings.

Network Connection Repair Tool

The Network Connection Repair Tool is a program Dell provides to correct the driver's settings so that they match the machine's network settings. To use the Network Connection Repair Tool, ask your network administrator.

Network Key

The Network Key is a password, which is used when the data is encrypted or decrypted. The Network Key is also described as the Password, Security Key, or Encryption Key. The table shows the number of characters of the key to use for each setting.

Open system/Shared key with WEP

This key is a 64-bit or a 128-bit value that must be entered in an ASCII or hexadecimal format.

	ASCII	Hexadecimal
64 (40) bit	Uses five text characters. For example, "WSLAN" (case-sensitive).	Uses 10 digits of hexadecimal data. For example, "71f2234aba" (not case-sensitive).
128 (104) bit	Uses 13 text characters. For example, "Wirelesscomms" (case-sensitive).	Uses 26 digits of hexadecimal data. For example, "71f2234ab56cd709e5412aa2ba" (not case-sensitive).

WPA-PSK/WPA2-PSK and TKIP or AES

Uses a Pre-Shared Key (PSK) that is eight or more characters in length, up to a maximum of 63 characters.

Network PC-FAX

Use Network PC-FAX to send a file from your computer as a fax.

Network Shared Printing

Network Shared Printing is a type of printing in a network shared environment. In a network shared environment, each computer sends data via a server or print server.

Node Name

The Node Name is a machine name on the network. This name is often referred to as a NetBIOS name; it will be

the name that is registered by the WINS server on your network. Dell recommends the name "DELLxxxxxx" (where "xxxxxx" is the first six digits of your machine's MAC address / ethernet address.)

O

OCR (Optical Character Recognition)

Dell software application converts an image of text to text you can edit.

Open System

Open System is one of the network authentication methods. Under open system authentication, any wireless devices are allowed to access the network without requiring a WEP key.

Out of Paper Reception

Receives faxes into the machine's memory when the machine is out of paper.

Overseas Mode

Makes temporary changes to the fax tones to accommodate noise and static on overseas telephone lines.

P

Paging

This feature is available only in the USA and Canada.

This feature enables your machine to call your cell phone or pager when a fax is received into its memory.

Pause

Allows you to place a delay in the dialing sequence while you are dialing or while you are storing Address Book numbers. Press Pause on the LCD as many times as needed for longer pauses.

Peer-to-Peer

Peer-to-Peer is a type of printing in a peer-to-peer environment. In a peer-to-peer environment, each computer sends and receives data directly to and from each device. There is no central server controlling access or machine sharing.

Photo resolution (B&W only)

A resolution setting that uses varying shades of gray for the best representation of photographs.

Protocols

Protocols are the standardized sets of rules for transmitting data on a network. Protocols allow users to gain access to network-connected resources. The print server used on your Dell machine supports the Transmission Control Protocol/Internet Protocol (TCP/IP) protocol.

Pulse

This feature is not available in some countries.

A form of rotary dialing on a telephone line.

R

RARP

Reverse Address Resolution Protocol (RARP) finds the logical address for a machine that knows only its physical address.

NOTE: To use RARP, contact your network administrator.

Real Time Transmission

When memory is full, you can send faxes in real time.

Remaining Jobs

You can check which programmed fax jobs are waiting in the memory and cancel the jobs individually.

Remote Access Code

Your own four-digit code (– – –*) that allows you to call and access your machine from a remote location.

Remote Activation Code (Fax/Tel Mode only)

Press this code (***51**) when you answer a fax call on an extension or external telephone.

Remote Deactivation Code (Fax/Tel Mode only)

When the machine answers a voice call, it fast double-rings. You can pick up at an extension or external telephone by pressing this code **(#51)**.

Remote Retrieval Access

The ability to access your machine remotely from a touch tone telephone.

Resolution

The number of vertical and horizontal lines per inch.

Ring Delay

The number of rings before the machine answers in Fax Only and Fax/Tel modes.

Ring Volume

Volume setting for the machine's ring.

S

Scan to E-mail Server

The Scan to E-mail Server feature lets you scan a black and white or color document and send it directly to an email address from the machine.

Scanning

The process of sending an electronic image of a paper document into your computer.

Search

An alphabetical electronic listing of stored Address Book and Group numbers.

Settings Tables

At-a-glance instructions that show all the settings and options that are available for setting up your machine.

SMTP Client

Simple Mail Transfer Protocol (SMTP) client is used to send emails via the Internet or Intranet.

SMTP-AUTH

SMTP Authentication (SMTP-AUTH) expands SMTP (the Internet email sending protocol) to include an authentication method that ensures the true identity of the sender is known.

SNMP

The Simple Network Management Protocol (SNMP) is used to manage network devices including computers, routers and Dell network-ready machines. The Dell print server supports SNMPv1, SNMPv2c and SNMPv3.

SNMPv3

Simple Network Management Protocol version 3 (SNMPv3) provides user authentication and data encryption to manage network devices securely.

SNTP

The Simple Network Time Protocol (SNTP) is used to synchronize computer clocks on a TCP/IP network. You can configure the SNTP settings using Web Based Management.

SSID

Each wireless network has its own unique network name and it is technically referred to as a Service Set Identifier (SSID). The SSID is a 32-byte or less value and is assigned to the access point. The wireless network devices you want to associate to the wireless network should match the access point. The access point and wireless network devices regularly send wireless packets (referred to as beacons), which contain the SSID information. When your wireless network device receives a beacon, you can identify the wireless network that is close enough for the radio waves to reach your device.

Standard resolution

203 × 98 dpi (black and white). 203 × 196 dpi (color). It is used for regular sized text and the quickest transmission.

Station ID

The stored information that appears on the top of faxed pages. It includes the sender's name and fax number.

Status Monitor

The Status Monitor utility is a configurable utility for Macintosh users to monitor the status of one or more devices, allowing you to get immediate notification when there is a problem, for example, when the machine runs out of paper or jams.

Subnet Mask

A subnet mask allows you to identify which part of an IP address is used as the network address and which part is used as the host address.

In the following example, the last segment of the IP address is known as the host address and the first three segments are the network address.

Example: Computer 1 can talk to Computer 2

- Computer 1
  IP Address: 192.168.1.2
  Subnet Mask: 255.255.255.0
- Computer 2
  IP Address: 192.168.1.3
  Subnet Mask: 255.255.255.0

NOTE: 0 denotes that there is no limit to communication at this part of the address.

Super Fine resolution (B&W only)

203 × 392 dpi. Best for very small print and line art.

T

TAD (Telephone Answering Device)

You can connect an external device or answering machine to the EXT. jack of your machine.

TCP/IP

Transmission Control Protocol/Internet Protocol (TCP/IP) is the most popular set of protocols used for communication, such as Internet and email. This protocol can be used in almost all operating systems, including Windows®, Windows Server®, OS X and Linux®.

Telephone Answer Code (Fax/Tel Mode only)

When the machine answers a voice call, it pseudo/double-rings. You can pick up at an extension telephone by pressing this code **(#51)**.

Temporary Settings

You can choose certain options for each fax transmission and copy without changing the default settings.

TKIP

Temporal Key Integrity Protocol (TKIP) is one of the encryption methods adopted by WPA™ to be used in a wireless network. TKIP provides per-packet key mixing, a message integrity check and rekeying mechanism.

Tone

This feature is not available in some countries.

A form of dialing on the telephone line used for Touch Tone telephones.

Transmission

The process of sending faxes over the telephone lines from your machine to the receiving fax machine.

Transmission Verification Report

A report for each transmission, that shows its date, time and number.

U

User Settings List

A printed report that shows the current settings of the machine.

V

Vertical Pairing

Vertical Pairing is a technology for Windows® that allows your Vertical Pairing-supported wireless machine to connect to your Infrastructure network using the PIN Method of Wi-Fi Protected Setup™ and the Web Services feature. It also enables printer driver installation from the printer icon in the **Add a device** screen**.**

W

Web Based Management

A standard Web Browser can be used to manage your machine using the Hyper Text Transfer Protocol (HTTP). You can perform the function listed or get the following information from a machine on your network using a web browser:

- Machine status information
- Change Fax configuration items, such as General Setup, Address Book settings and Remote Fax (Dell E515dn/ Dell E515dw)
- Change network settings, such as TCP/IP information
- Configure Store Print Log to Network
- Configure Scan to FTP
- Software version information of the machine and print server
- Change network and machine configuration details

NOTE: In order to use Web Based Management, you must use the TCP/IP protocol on your network and have a valid

IP address programmed into the print server and your computer.

Web Services

The Web Services protocol enables Windows Vista®, Windows® 7, or Windows® 8 users to install the drivers used for printing and scanning by right-clicking on the machine icon in the **Network** folder. Web Services also lets you check the current status of the machine from your computer.

WEP

Wired Equivalent Privacy (WEP) is one of the encryption methods used in a wireless network. When using WEP, the data is transmitted and received with a secure key.

Wi-Fi Direct

Wi-Fi Direct is one of the wireless configuration methods developed by the Wi-Fi Alliance®.

WINS

Windows® Internet Name Service (WINS) is an information-providing service for NetBIOS name resolution. It consolidates an IP address and a NetBIOs name that is in the local network.

WINS Server

Windows® Internet Name Service (WINS) Server maps IP addresses to computer names (NetBIOS names) in a Windows® network.

WLAN Report

The WLAN Report prints your machine's wireless status report. If the wireless connection fails, check the error code on the printed report.

WPA-PSK/WPA2-PSK Authentication Method

WPA-PSK/WPA2-PSK authentication method enables a Wi-Fi Protected Access® Pre-shared key (WPA-PSK/WPA2-PSK), which enables the Dell wireless machine to associate with access points using TKIP for WPA-PSK or AES for WPA-PSK and WPA2-PSK (WPA-Personal).

WPS

Wi-Fi Protected Setup™ (WPS) is a standard that allows setup of secured wireless network. WPS was created by the Wi-Fi Alliance® in 2007.

X

Xmit Report (Transmission Verification Report)

A listing for each transmission, that shows its date, time and number.

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